Register ac	ster address (Register (dec)		Field		Accuracy	Unit	Min	Max		Remarks		Mask claculation	
Real time data(0x0400-0x07FF)													
system info(0x0400-0x047F)													
	0400	1024	AddressMask_Realtime_SysInfo1	U64					R	The validity of 64 addresses above the address range (including the address of this partition) corresponding to each bit of this partition. 0 means invalid; 1 means valid.	End user	00000000	0000001F
	0401	1025									End user		
	0402	1026									End user		
	0403	1027									End user		
	0404	1028	SysState	U16					R	Operating status 0: waiting state 1: Detection status 2: Grid-connected status 3: Emergency power supply status 4: Recoverable fault state 5: Permanent fault status 6: Upgrade status 7: Self-charging status	End user	1	0
	0405	1029	Fault1	U16					R	Fault information table 1	End user	1	0
	0406	1030	Fault2	U16					R	Fault information table 2	End user	1	0
	0407	1031	Fault3	U16					R	Fault information table 3	End user	1	0
	0408	1032	Fault4	U16					R	Fault information table 4	End user	1	0
	0409	1033	Fault5	U16					R	Fault information table 5	End user	1	0
	040A	1034	Fault6	U16					R	Fault information table 6	End user	1	0
	040B	1035	Fault7	U16					R	Fault information table 7	End user	1	0
	040C	1036	Fault8	U16					R	Fault information table 8	End user	1	0
	040D	1037	Fault9	U16					R	Fault information table 9	End user	1	0
	040E	1038	Fault10	U16					R	Fault information table 10	End user	1	0
	040F	1039	Fault11	U16					R	Fault information table 11	End user	1	0
	0410	1040	Fault12	U16					R	Fault information table 12	End user	1	0
	0411	1041	Fault13	U16					R	Fault information table 13	End user		0
	0412	1042	Fault14	U16					R	Fault information table 14	End user		0
	0413	1043	Fault15	U16					R	Fault information table 15	End user		0
	0414	1044	Fault16	U16					R	Fault information table 16	End user		0
	0415	1045	Fault17	U16					R	Fault information table 17	End user		0
	0416	1046	Fault18	U16					R	Fault information table 18	End user		0
	0417	1047	Countdown	U16	1	seconds			R	Power-on countdown	End user	1	0
	0418	1048	Temperature_Env1	I16	1	°C			R	Ambient temperature 1	End user	1	0
	0419	1049	Temperature_Env2	I16	1	°C			R	Ambient temperature 2	End user		0
	041A	1050	Temperature_HeatSink1	I16	1	°C			R	Radiator temperature 1	End user	1	0
	041B	1051	Temperature_HeatSink2	I16	1	°C			R	Radiator temperature 2	End user		0
	041C	1052	Temperature_HeatSink3	I16	1	°C			R	Radiator temperature 3	End user		0
	041D	1053	Temperature_HeatSink4	I16	1	°C			R	Radiator temperature 4	End user		0
	041E	1054	Temperature_HeatSink5	I16	1	°C			R	Radiator temperature 5	End user		0
	041F	1055	Temperature_HeatSink6	I16	1	°C			R	Radiator temperature 6	End user		0
	0420	1056	Temperature_Inv1	I16	1	°C			R	Module temperature 1	End user	1	0
	0421	1057	Temperature_Inv2	I16	1	°C			R	Module temperature 2	End user		0
	0422	1058	Temperature_Inv3	I16	1	°C			R	Module temperature 3	End user		0
	0423	1059	Temp_Rsvd1	I16	1	°C			R	Reserve temperature 1	End user		0
	0424	1060	Temp_Rsvd2	I16	1	°C			R	Reserve temperature 2	End user		0
	0425	1061	Temp_Rsvd3	I16	1	°C			R	Reserve temperature 3	End user		0
	0426	1062	GenerationTime_Today	U16	1	Minute			R	Day of power generation time	End user	1	0
	0427	1063	GenerationTime_Total	U32	1	Minute			R	Total power generation time	End user	1	0
	0428	1064									End user	1	0
	0429	1065	ServiceTime_Total	U32	1	Minute			R	Total running time	End user	1	0
	042A	1066									End user	1	0
	042B	1067	InsulationResistance	U16	1	kΩ			R	Insulation resistance	End user	1	0
	042C	1068	SysTime_Year	U16					R	System time-year	End user	1	0
	042D	1069	SysTime_Month	U16					R	System time-month	End user	1	0
	042E	1070	SysTime_Date	U16					R	System Time-Daily Minutes	End user	1	0
	042F	1071	SysTime_Hour	U16					R	System time-hour	End user	1	0
	0430	1072	SysTime_Minute	U16					R	System time-minutes	End user	1	0
	0431	1073	SysTime_Second	U16					R	System time-second	End user	1	0
	0432	1074	Fault19	U16					R	Fault message table 19	End user		
	0433	1075	Fault20	U16					R	Fault information table 20	End user		
	0434	1076	Fault21	U16					R	Fault information table 21	End user		
	0435	1077	Fault22	U16					R	Fault information table 22	End user		
	0436	1078	Fault23	U16					R	Fault information table 23	End user		
	0437	1079	Fault24	U16					R	Fault message table 24	End user		

	0438	1080	Fault25	U16					R	Fault information table 25	End user		
	0439	1081	Fault26	U16					R	Fault message table 26	End user		
	043A	1082	Fault27	U16					R	Fault information table 27	End user		
	043B	1083											
	043C	1084											
	043D	1085											
	043E	1086											
	043F	1087											
	0440	1088	AddressMask_Realtime_SysInfo2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.	End user	00000000	00000026
	0441	1089									End user		
	0442	1090									End user		
	0443	1091									End user		
	0444	1092	Production_Code	U16						Reverse		0	0
	0445	1093	Serial_Number0	ASCII					R	The first and second digits of the serial number. The upper 8 bits of the register store the first bit of the serial number; The lower 8 bits of the register store the second bit of the serial number.	End user	1	0
	0446	1094	Serial_Number1	ASCII					R	The 3rd and 4th digits of the serial number. The upper 8 bits of the register store the third bit of the serial number; The lower 8 bits of the register store the 4th bit of the serial number.	End user	1	0
	0447	1095	Serial_Number2	ASCII					R	The 5th and 6th digits of the serial number. The upper 8 bits of the register store the 5th bit of the serial number; The lower 8 bits of the register store the 6th bit of the serial number.	End user	1	0
	0448	1096	Serial_Number3	ASCII					R	The 7th and 8th digits of the serial number. The upper 8 bits of the register store the 7th bit of the serial number; The lower 8 bits of the register store the 8th bit of the serial number.	End user	1	0
	0449	1097	Serial_Number4	ASCII					R	The 9th and 10th digits of the serial number. The upper 8 bits of the register store the 9th bit of the serial number; The lower 8 bits of the register store the 10th bit of the serial number.	End user	1	0
	044A	1098	Serial_Number5	ASCII					R	The 11th and 12th digits of the serial number. The upper 8 bits of the register store the 11th bit of the serial number; The lower 8 bits of the register store the 12th bit of the serial number.	End user	1	0
	044B	1099	Serial_Number6	ASCII					R	The 13th and 14th digits of the serial number. The upper 8 bits of the register store the 13th bit of the serial number; The lower 8 bits of the register store the 14th bit of the serial number.	End user	1	0
	044C	1100	Serial_Number7	ASCII					R	Reverse			
	044D	1101	Hardware_Version0	ASCII					R	The first and second digits of the hardware version number. The upper 8 bits of the register store the first bit of the serial number; The lower 8 bits of the register store the second bit of the serial number.	End user	1	0
	044E	1102	Hardware_Version1	ASCII					R	The third and fourth digits of the hardware version number. The upper 8 bits of the register store the third bit of the serial number; The lower 8 bits of the register store the 4th bit of the serial number.	End user	1	0
	044F	1103	Software_Version_Stage_COM	ASCII					R	Communication chip software version number stage definition bit. The lower 8 bits of the register store the ASCII code. The default value of the official version is'V'.	End user	1	0
	0450	1104	Software_Version_Major_COM	ASCII					R	The main version number of the communication chip software. The major version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits	End user	1	0

	0451	1105	Software_Version_Custom_COM	ASCII					R	Communication chip software non-standard customized version number. The version number of the standard software is ""00"". The non-standard customized version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	0452	1106	Software_Version_Minor_COM	ASCII					R	Communication chip software sub-version number. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits	End user	1	0
	0453	1107	Software_Version_Stage_Master	ASCII					R	The main controller chip software version number stage definition bit. The lower 8 bits of the register store the ASCII code. The default value of the official version is'V'. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	0454	1108	Software_Version_Major_Master	ASCII					R	Main controller chip software main version number. The major version numbers of all chips in the same system must be the same, otherwise it is regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	0455	1109	Software_Version_Custom_Master	ASCII					R	The non-standard customized version number of the main controller chip software. The version number of the standard software is ""00"". The non-standard customized version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	0456	1110	Software_Version_Minor_Master	ASCII					R	主控制器芯片软件子版本号。 寄存器高8位存放高位数字； 寄存器低8位存放低位数字。	End user	1	0
	0457	1111	Software_Version_Stage_Slave	ASCII					R	副控制器芯片软件版本号阶段定义位。 寄存器低8位存放ASCII码。正式版本的默认值为'V'。 寄存器高8位存放高位数字； 寄存器低8位存放低位数字。	End user	1	0
	0458	1112	Software_Version_Major_Slave	ASCII					R	副控制器芯片软件主版本号。 同一个系统中所有芯片主版本号必须一致，否则视为系统故障。 寄存器高8位存放高位数字； 寄存器低8位存放低位数字。	End user	1	0
	0459	1113	Software_Version_Custom_Slave	ASCII					R	Sub-controller chip software non-standard customized version number. The version number of the standard software is ""00"". The non-standard customized version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	045A	1114	Software_Version_Minor_Slave	ASCII					R	Sub-controller chip software subversion number. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.	End user	1	0
	045B	1115	Safety_Version_Major	U16					R	Safety code main version number	End user	1	0
	045C	1116	Safety_version_Minor	U16					R	Safety code vice version number	End user	1	0
	045D	1117	Boot_Version_COM	U16					R		End user		0
	045E	1118	Boot_Version_Master	U16					R		End user		0
	045F	1119	Boot_Version_Slave	U16					R		End user		0
	0460	1120	Safety_Firmware_Version_Stage	ASCII					R	Safety regulation certification software version number stage definition bit. The lower 8 bits of the register store the ASCII code. The default value of the official version is'V'. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.			0
	0461	1121	Safety_Firmware_Version_Major	ASCII					R	The major version number of the safety regulation certification software. The major version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.			0

	0462	1122	Safety_Firmware_Version_Custom	ASCII					R	Safety regulation certification software non-standard customized version number. The version number of the standard software is "00". The non-standard customized version numbers of all chips in the same system must be the same, otherwise it will be regarded as a system failure. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.			0
	0463	1123	Safety_Firmware_Version_Minor	ASCII					R	Safety regulation certification software sub version number. The upper 8 bits of the register store the high digits; The lower 8 bits of the register store the lower digits.			0
	0464	1124	Safety_Hardware_Version0	ASCII					R	Safety regulation certification hardware version number 1st and 2nd bit. The upper 8 bits of the register store the first bit of the serial number; The lower 8 bits of the register store the second bit of the serial number.			0
	0465	1125	Safety_Hardware_Version1	ASCII					R	Safety regulation certification hardware version number 3rd and 4th bit. The upper 8 bits of the register store the first bit of the serial number; The lower 8 bits of the register store the second bit of the serial number.			0
	0466	1126											0
	0467	1127											0
	0468	1128											0
	0469	1129											0
	046A	1130											0
	046B	1131											0
	046C	1132											0
	046D	1133											0
	046E	1134											0
	046F	1135											0
	0470	1136	Serial_Number8	ASCII					R				0
	0471	1137	Serial_Number9	ASCII					R				0
	0472	1138	Serial_Number11_Rsvd0	ASCII					R				0
	0473	1139	Serial_Number11_Rsvd1	ASCII					R				0
	0474	1140	Serial_Number12_Rsvd2	ASCII					R				0
	0475	1141	Serial_Number13_Rsvd3	ASCII					R				0
	0476	1142	Serial_Number14_Rsvd4	ASCII					R				0
	0477	1143											0
	0478	1144											0
	0479	1145											0
	047A	1146											0
	047B	1147											0
	047C	1148											0
	047D	1149											0
	047E	1150											0
	047F	1151											0
		0											
on grid output(0x0480-0x04FF)														
	0480	1152	AddressMask_Realtime_GridOutput1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	End user	00000000	00000018
	0481	1153									End user		
	0482	1154									End user		
	0483	1155									End user		
	0484	1156	Frequency_Grid	U16	0,01	Hz			R	Grid frequency	End user	1	0
	0485	1157	ActivePower_Output_Total	I16	0,01	kW			R	Total active power. Discharge is positive, charge is negative	End user	1	0
	0486	1158	ReactivePower_Output_Total	I16	0,01	kW			R	Total reactive power. The inverter end is positive for leading and negative for lagging	End user		0
	0487	1159	ApparentPower_Output_Total	I16	0,01	kW			R	Total apparent power. Discharge is positive, charge is negative	End user		0
	0488	1160	ActivePower_PCC_Total	I16	0,01	kW			R	Total PCC active power. Selling electricity is positive, buying electricity is negative	End user	1	0
	0489	1161	ReactivePower_PCC_Total	I16	0,01	kW			R	Total PCC reactive power. The inverter end is positive for lead and negative for lag	End user		0
	048A	1162	ApparentPower_PCC_Total	I16	0,01	kW			R	Total PCC apparent power. Selling electricity is positive, buying electricity is negative	End user		0
	048B	1163	GridOutput_Rsvd1						R	Grid-connected output reserved 1	End user		0
	048C	1164	GridOutput_Rsvd2						R	Grid-connected output reserved 2	End user		0
	048D	1165	Voltage_Phase_R	U16	0,1	V			R	R phase grid voltage	End user	1	0
	048E	1166	Current_Output_R	U16	0,01	A			R	R-phase inverter output current	End user	1	0
	048F	1167	ActivePower_Output_R	I16	0,01	kW			R	The R-phase inverter outputs active power. Discharge is positive, charge is negative	End user		0

	0490	1168	ReactivePower_Output_R	I16	0,01	kW			R	The R-phase inverter outputs reactive power. The inverter end is positive for lead and negative for lag	End user		0
	0491	1169	PowerFactor_Output_R	I16	0,001	p.u.			R	R-phase power factor. The inverter end is positive for lead and negative for lag	End user		0
	0492	1170	Current_PCC_R	U16	0,01	A			R	R phase PCC current	End user	1	0
	0493	1171	ActivePower_PCC_R	I16	0,01	kW			R	R-phase PCC active power	End user		0
	0494	1172	ReactivePower_PCC_R	I16	0,01	kW			R	R-phase PCC reactive power. The inverter end is positive for lead and negative for lag	End user		0
	0495	1173	PowerFactor_PCC_R	I16	0,001	p.u.			R	R-phase PCC power factor. The inverter end is positive for lead and negative for lag	End user		0
	0496	1174	R_Rsvd1						R	R phase reserved 1	End user		0
	0497	1175	R_Rsvd2						R	R phase reserved 2	End user		0
	0498	1176	Voltage_Phase_S	U16	0,1	V			R	S phase grid voltage	End user	1	0
	0499	1177	Current_Output_S	U16	0,01	A			R	S phase inverter output current	End user	1	0
	049A	1178	ActivePower_Output_S	I16	0,01	kW			R	The S-phase inverter outputs active power. Discharge is positive, charge is negative	End user		0
	049B	1179	ReactivePower_Output_S	I16	0,01	kW			R	The S-phase inverter outputs reactive power. The inverter end is positive for lead and negative for lag	End user		0
	049C	1180	PowerFactor_Output_S	I16	0,001	p.u.			R	S-phase power factor. The inverter end is positive for lead and negative for lag	End user		0
	049D	1181	Current_PCC_S	U16	0,01	A			R	S phase PCC current	End user	1	0
	049E	1182	ActivePower_PCC_S	I16	0,01	kW			R	S-phase PCC active power. Discharge is positive, charge is negative	End user		0
	049F	1183	ReactivePower_PCC_S	I16	0,01	kW			R	S-phase PCC reactive power. The inverter end is positive for lead and negative for lag	End user		0
	04A0	1184	PowerFactor_PCC_S	I16	0,001	p.u.			R	S-phase PCC power factor. The inverter end is positive for lead and negative for lag	End user		0
	04A1	1185	S_Rsvd1						R	S phase reserved 1	End user		0
	04A2	1186	S_Rsvd2						R	S phase reserved 2	End user		0
	04A3	1187	Voltage_Phase_T	U16	0,1	V			R	T phase grid voltage	End user	1	0
	04A4	1188	Current_Output_T	U16	0,01	A			R	T-phase inverter output current	End user	1	0
	04A5	1189	ActivePower_Output_T	I16	0,01	kW			R	The T-phase inverter outputs active power. Discharge is positive, charge is negative	End user		0
	04A6	1190	ReactivePower_Output_T	I16	0,01	kW			R	The T-phase inverter outputs reactive power. The inverter end is positive for lead and negative for lag	End user		0
	04A7	1191	PowerFactor_Output_T	I16	0,001	p.u.			R	T-phase power factor. The inverter end is positive for lead and negative for lag	End user		0
	04A8	1192	Current_PCC_T	U16	0,01	A			R	T phase PCC current	End user	1	0
	04A9	1193	ActivePower_PCC_T	I16	0,01	kW			R	T-phase PCC active power. Discharge is positive, charge is negative	End user		0
	04AA	1194	ReactivePower_PCC_T	I16	0,01	kW			R	T-phase PCC reactive power. The inverter end is positive for lead and negative for lag	End user		0
	04AB	1195	PowerFactor_PCC_T	I16	0,001	p.u.			R	T-phase PCC power factor. The inverter end is positive for lead and negative for lag	End user		0
	04AC	1196	T_Rsvd1						R	T phase reserved 1	End user		0
	04AD	1197	T_Rsvd2						R	T phase reserved 2	End user		0
	04AE	1198	ActivePower_PV_Ext	U16	0,01	kW			R	External power generation	End user	1	0
	04AF	1199	ActivePower_Load_Sys	U16	0,01	kW			R	System total load power	End user	1	0
	04B0	1200	Voltage_Phase_L1N	U16	0,1	V			R	Grid L1 to N voltage effective value	End user		0
	04B1	1201	Current_Output_L1N	U16	0,01	A			R	L1 output current effective value	End user		0
	04B2	1202	ActivePower_Output_L1N	I16	0,01	kW			R	Active power output on L1 line	End user		0
i	04B3	1203	Current_PCC_L1N	U16	0,01	A			R	Effective value of CT current on L1 line	End user		0
	04B4	1204	ActivePower_PCC_L1N	I16	0,01	kW			R	PCC active power on L1 line	End user		0
	04B5	1205	Voltage_Phase_L2N	U16	0,1	V			R	Grid L2 to N voltage effective value	End user		0
	04B6	1206	Current_Output_L2N	U16	0,01	A			R	L2 output current effective value	End user		0
	04B7	1207	ActivePower_Output_L2N	I16	0,01	kW			R	Active power output on L2 line	End user		0
	04B8	1208	Current_PCC_L2N	U16	0,01	A			R	Effective value of CT current on L2 line	End user		0
	04B9	1209	ActivePower_PCC_L2N	I16	0,01	kW			R	Active power output on L2 line	End user		0
	04BA	1210	Voltage_Line_L1	U16	0,1	V			R	L1 line voltage: voltage between R/S phase	End user		
	04BB	1211	Voltage_Line_L2	U16	0,1	V			R	L2 line voltage: voltage between S/T phase	End user		
	04BC	1212	Voltage_Line_L3	U16	0,1	V			R	L3 line voltage: voltage between T/R phase	End user		
	04BD	1213											
	04BE	1214											
	04BF	1215											
		0											
		0											
		0											
		0											
		0											
		0											

		0												
off grid output(0x0500-0x057F)														
	0500	1280	AddressMask_Realtime_EmergencyOutput1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.	End user	00000000	0000001A
	0501	1281									End user		
	0502	1282									End user		
	0503	1283									End user		
	0504	1284	ActivePower_Load_Total	I16	0,01	kW			R	Load active power.	End user	1	0
	0505	1285	ReactivePower_Load_Total	I16	0,01	kW			R	Load consumption is positive, and feedback is negative	End user		0
	0506	1286	ApparentPower_Load_Total	I16	0,01	kW			R	Load reactive power Apparent power of the load. Load consumption is positive, and feedback is negative	End user		0
	0507	1287	Frequency_Output	U16	0,01	Hz			R	Output voltage frequency	End user	1	0
	0508	1288	ESOutput_Rsvd1						R	Off-grid total output reserved 1	End user		0
	0509	1289	ESOutput_Rsvd2						R	Off-grid total output reserved 2	End user		0
	050A	1290	Voltage_Output_R	U16	0,1	V			R	R-phase inverter output voltage	End user	1	0
	050B	1291	Current_Load_R	I16	0,01	A			R	R phase load current	End user	1	0
	050C	1292	ActivePower_Load_R	I16	0,01	kW			R	R-phase load active power. Load consumption is positive, and feedback is negative.	End user	1	0
	050D	1293	ReactivePower_Load_R	I16	0,01	kW			R	R-phase load reactive power. The inverter end is positive for lead and negative for lag	End user		0
	050E	1294	ApparentPower_Load_R	I16	0,01	kVA			R	Apparent power of R-phase load. Load consumption is positive, and feedback is negative.	End user		0
	050F	1295	LoadPeakRatio_R	U16	0,01	p.u.			R	R phase load peak ratio	End user		0
	0510	1296	ESR_Rsvd1						R	R phase reserved 1	End user		0
	0511	1297	ESR_Rsvd2						R	R phase reserved 2	End user		0
	0512	1298	Voltage_Output_S	U16	0,1	V			R	S phase inverter output voltage	End user	1	0
	0513	1299	Current_Load_S	I16	0,01	A			R	S phase load current	End user	1	0
	0514	1300	ActivePower_Load_S	I16	0,01	kW			R	S-phase load active power. Load consumption is positive, and feedback is negative.	End user	1	0
	0515	1301	ReactivePower_Load_S	I16	0,01	kW			R	S-phase load reactive power. The inverter end is positive for lead and negative for lag	End user		0
	0516	1302	ApparentPower_Load_S	I16	0,01	kVA			R	Apparent power of S-phase load. Load consumption is positive, and feedback is negative.	End user		0
	0517	1303	LoadPeakRatio_S	U16	0,01	p.u.			R	S phase load peak ratio	End user		0
	0518	1304	ESS_Rsvd1						R	S phase reserved 1	End user		0
	0519	1305	ESS_Rsvd2						R	S phase reserved 2	End user		0
	051A	1306	Voltage_Output_T	U16	0,1	V			R	T-phase inverter output voltage	End user	1	0
	051B	1307	Current_Load_T	I16	0,01	A			R	T phase load current	End user	1	0
	051C	1308	ActivePower_Load_T	I16	0,01	kW			R	T-phase load active power. Load consumption is positive, and feedback is negative.	End user	1	0
	051D	1309	ReactivePower_Load_T	I16	0,01	kW			R	T-phase load reactive power. The inverter end is positive for lead and negative for lag	End user		0
	051E	1310	ApparentPower_Load_T	I16	0,01	kVA			R	Apparent power of T-phase load. Load consumption is positive, and feedback is negative.	End user		0
	051F	1311	LoadPeakRatio_T	U16	0,01	p.u.			R	T-phase load peak ratio	End user		0
	0520	1312	EST_Rsvd1						R	T phase reserved 1	End user		0
	0521	1313	EST_Rsvd2						R	T phase reserved 2	End user		0
	0522	1314	Voltage_Output_L1N	U16	0,1	V			R	Inverter L1 to N voltage effective value	End user		0
	0523	1315	Current_Load_L1N	I16	0,01	A			R	L1 load current effective value	End user		0
	0524	1316	ActivePower_Load_L1N	I16	0,01	kW			R	Load L1 to N active power	End user		0
	0525	1317	Voltage_Output_L2N	U16	0,1	V			R	Effective value of inverter L2 to N voltage	End user		0
	0526	1318	Current_Load_L2N	I16	0,01	A			R	L2 load current effective value	End user		0
	0527	1319	ActivePower_Load_L2N	I16	0,01	kW			R	Load L2 to N active power	End user		0
	0528	1320											
	0529	1321											
	052A	1322											
	052B	1323											
	052C	1324											
	052D	1325											
	052E	1326											
	052F	1327											
	0530	1328											
	0531	1329											
	0532	1330											
	0533	1331											
	0534	1332											
	0535	1333											
	0536	1334											
	0537	1335											
	0538	1336											
	0539	1337											

	053A	1338												
	053B	1339												
	053C	1340												
	053D	1341												
	053E	1342												
	053F	1343												
		0												
		0												
PV input(0x0580-0x05FF)														
	0580	1408	AddressMask_Realtime_Input_PV1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this	End user	00000000	00000015
	0581	1409									End user		
	0582	1410									End user		
	0583	1411									End user		
	0584	1412	Voltage_PV1	U16	0,1	V			R	The first PV voltage	End user	1	0
	0585	1413	Current_PV1	U16	0,01	A			R	The first PV current	End user	1	0
	0586	1414	Power_PV1	U16	0,01	kW			R	PV power of the first road	End user	1	0
	0587	1415	Voltage_PV2	U16	0,1	V			R	The second PV voltage	End user	1	0
	0588	1416	Current_PV2	U16	0,01	A			R	The second PV current	End user	1	0
	0589	1417	Power_PV2	U16	0,01	kW			R	PV power of the 2nd road	End user	1	0
	058A	1418	Voltage_PV3	U16	0,1	V			R	No. 3 PV voltage	End user		0
	058B	1419	Current_PV3	U16	0,01	A			R	No. 3 PV current	End user		0
	058C	1420	Power_PV3	U16	0,01	kW			R	No. 3 PV power	End user		0
	058D	1421	Voltage_PV4	U16	0,1	V			R	No. 4 PV voltage	End user		0
	058E	1422	Current_PV4	U16	0,01	A			R	No. 4 PV current	End user		0
	058F	1423	Power_PV4	U16	0,01	kW			R	No. 4 PV power	End user		0
	0590	1424	Voltage_PV5	U16	0,1	V			R	No. 5 PV voltage	End user		0
	0591	1425	Current_PV5	U16	0,01	A			R	No. 5 PV current	End user		0
	0592	1426	Power_PV5	U16	0,01	kW			R	No. 5 PV power	End user		0
	0593	1427	Voltage_PV6	U16	0,1	V			R	No. 6 PV voltage	End user		0
	0594	1428	Current_PV6	U16	0,01	A			R	No. 6 PV current	End user		0
	0595	1429	Power_PV6	U16	0,01	kW			R	No. 6 PV power	End user		0
	0596	1430	Voltage_PV7	U16	0,1	V			R	No. 7 PV voltage	End user		0
	0597	1431	Current_PV7	U16	0,01	A			R	No. 7 PV current	End user		0
	0598	1432	Power_PV7	U16	0,01	kW			R	No. 7 PV power	End user		0
	0599	1433	Voltage_PV8	U16	0,1	V			R	No. 8 PV voltage	End user		0
	059A	1434	Current_PV8	U16	0,01	A			R	No. 8 PV current	End user		0
	059B	1435	Power_PV8	U16	0,01	kW			R	No. 8 PV power	End user		0
	059C	1436	Voltage_PV9	U16	0,1	V			R	No. 9 PV voltage	End user		0
	059D	1437	Current_PV9	U16	0,01	A			R	No. 9 PV current	End user		0
	059E	1438	Power_PV9	U16	0,01	kW			R	No. 9 PV power	End user		0
	059F	1439	Voltage_PV10	U16	0,1	V			R	No. 10 PV voltage	End user		0
	05A0	1440	Current_PV10	U16	0,01	A			R	No. 10 PV current	End user		0
	05A1	1441	Power_PV10	U16	0,01	kW			R	No. 10 PV power	End user		0
	05A2	1442	Voltage_PV11	U16	0,1	V			R	11th PV voltage	End user		0
	05A3	1443	Current_PV11	U16	0,01	A			R	11th PV current	End user		0
	05A4	1444	Power_PV11	U16	0,01	kW			R	11th PV power	End user		0
	05A5	1445	Voltage_PV12	U16	0,1	V			R	12th PV voltage	End user		0
	05A6	1446	Current_PV12	U16	0,01	A			R	12th PV current	End user		0
	05A7	1447	Power_PV12	U16	0,01	kW			R	12th PV power	End user		0
	05A8	1448	Voltage_PV13	U16	0,1	V			R	13th PV voltage	End user		0
	05A9	1449	Current_PV13	U16	0,01	A			R	13th PV current	End user		0
	05AA	1450	Power_PV13	U16	0,01	kW			R	13th PV power	End user		0
	05AB	1451	Voltage_PV14	U16	0,1	V			R	No. 14 PV voltage	End user		0
	05AC	1452	Current_PV14	U16	0,01	A			R	No. 14 PV current	End user		0
	05AD	1453	Power_PV14	U16	0,01	kW			R	No. 14 PV power	End user		0
	05AE	1454	Voltage_PV15	U16	0,1	V			R	15th PV voltage	End user		0
	05AF	1455	Current_PV15	U16	0,01	A			R	15th PV current	End user		0
	05B0	1456	Power_PV15	U16	0,01	kW			R	15th PV power	End user		0
	05B1	1457	Voltage_PV16	U16	0,1	V			R	16th PV voltage	End user		0
	05B2	1458	Current_PV16	U16	0,01	A			R	16th PV current	End user		0
	05B3	1459	Power_PV16	U16	0,01	kW			R	16th PV power	End user		0
	05B4	1460											
	05B5	1461											
	05B6	1462											
	05B7	1463											
	05B8	1464											
	05B9	1465											
	05BA	1466											
	05BB	1467											
	05BC	1468											
	05BD	1469											

	05BE	1470												
	05BF	1471												
	05C0	1472	AddressMask_Realtime_Input_PV2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.	End user	00000000	0000000F
	05C1	1473									End user		
	05C2	1474									End user		
	05C3	1475									End user		
	05C4	1476	Power_PV_Total	U16	0,1	kW			R	Total PV power			0
	05C5	1477											0
	05C6	1478											0
	05C7	1479											0
	05C8	1480											0
	05C9	1481											0
	05CA	1482											0
	05CB	1483											0
	05CC	1484											0
	05CD	1485											0
	05CE	1486											0
	05CF	1487											0
	05D0	1488											0
	05D1	1489											0
	05D2	1490											0
	05D3	1491											0
	05D4	1492											0
	05D5	1493											0
	05D6	1494											0
	05D7	1495											0
	05D8	1496											0
	05D9	1497											0
	05DA	1498											0
	05DB	1499											0
	05DC	1500											0
	05DD	1501											0
	05DE	1502											0
	05DF	1503											0
	05E0	1504											0
	05E1	1505											0
	05E2	1506											0
	05E3	1507											0
	05E4	1508											0
	05E5	1509											0
	05E6	1510											0
	05E7	1511											0
	05E8	1512											0
	05E9	1513											0
	05EA	1514											0
	05EB	1515											0
	05EC	1516											0
	05ED	1517											0
	05EE	1518											0
	05EF	1519											0
	05F0	1520											0
	05F1	1521											0
	05F2	1522											0
	05F3	1523											0
		0											
		0											
		0											
battery input(0x0600-0x067F)														
	0600		AddressMask_Realtime_Input_Bat1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	End user	00000000	0000001D
	0601										End user		
	0602										End user		
	0603										End user		
	0604		Voltage_Bat1	U16	0,1	V			R	No. 1 battery pack voltage	End user	1	0
	0605		Current_Bat1	I16	0,01	A			R	The charging and discharging current of the first battery pack. Charge is positive, discharge is negative	End user	1	0
	0606		Power_Bat1	I16	0,01	kW			R	The charging and discharging power of the first battery pack. Charge is positive, discharge is negative	End user	1	0
	0607		Temperature_Env_Bat1	I16	1	°C			R	Ambient temperature of the first battery pack	End user	1	0
	0608		SOC_Bat1	U16	1	%			R	No. 1 battery pack SOC	End user	1	0
	0609		SOH_Bat1	U16	1	%			R	No. 1 battery pack SOH	End user	1	0
	060A		ChargeCycle_Bat1	U16	1	cycle			R	Number of cycles of the first battery pack	End user	1	0
	060B		Voltage_Bat2	U16	0,1	V			R	No. 2 battery pack voltage	End user	1	0
	060C		Current_Bat2	I16	0,01	A			R	The charging and discharging current of the second battery pack. Charge is positive, discharge is negative	End user	1	0

	060D		Power_Bat2	I16	0,01	kW			R	The charging and discharging power of the second battery pack. Charge is positive, discharge is negative	End user	1	0
	060E		Temperature_Env_Bat2	I16	1	°C			R	Ambient temperature of the second battery pack	End user	1	0
	060F		SOC_Bat2	U16	1	%			R	2nd battery pack SOC	End user	1	0
	0610		SOH_Bat2	U16	1	%			R	2nd battery pack SOH	End user	1	0
	0611		ChargeCycle_Bat2	U16	1	cycle			R	Number of cycles of the second battery pack	End user	1	0
	0612		Voltage_Bat3	U16	0,1	V			R	No. 3 battery pack voltage	End user		0
	0613		Current_Bat3	I16	0,01	A			R	The charging and discharging current of the third battery pack. Charge is positive, discharge is negative	End user		0
	0614		Power_Bat3	I16	0,01	kW			R	The charging and discharging power of the third battery pack. Charge is positive, discharge is negative	End user		0
	0615		Temperature_Env_Bat3	I16	1	°C			R	Ambient temperature of the third battery pack	End user		0
	0616		SOC_Bat3	U16	1	%			R	No. 3 battery pack SOC	End user		0
	0617		SOH_Bat3	U16	1	%			R	No. 3 battery pack SOH	End user		0
	0618		ChargeCycle_Bat3	U16	1	cycle			R	Number of cycles of the third battery pack	End user		0
	0619		Voltage_Bat4	U16	0,1	V			R	No. 4 battery pack voltage	End user		0
	061A		Current_Bat4	I16	0,01	A			R	Charging and discharging current of No. 4 battery pack. Charge is positive, discharge is negative	End user		0
	061B		Power_Bat4	I16	0,01	kW			R	Charging and discharging power of the 4th battery pack. Charge is positive, discharge is negative	End user		0
	061C		Temperature_Env_Bat4	I16	1	°C			R	Ambient temperature of battery pack No. 4	End user		0
	061D		SOC_Bat4	U16	1	%			R	No. 4 battery pack SOC	End user		0
	061E		SOH_Bat4	U16	1	%			R	No. 4 battery pack SOH	End user		0
	061F		ChargeCycle_Bat4	U16	1	cycle			R	Number of cycles of the 4th battery pack	End user		0
	0620		Voltage_Bat5	U16	0,1	V			R	No. 5 battery pack voltage	End user		0
	0621		Current_Bat5	I16	0,01	A			R	No. 5 battery pack charging and discharging current. Charge is positive, discharge is negative	End user		0
	0622		Power_Bat5	I16	0,01	kW			R	Charging and discharging power of No. 5 battery pack. Charge is positive, discharge is negative	End user		0
	0623		Temperature_Env_Bat5	I16	1	°C			R	Ambient temperature of battery pack No. 5	End user		0
	0624		SOC_Bat5	U16	1	%			R	No. 5 battery pack SOC	End user		0
	0625		SOH_Bat5	U16	1	%			R	No. 5 battery pack SOH	End user		0
	0626		ChargeCycle_Bat5	U16	1	cycle			R	Number of cycles of the 5th battery pack	End user		0
	0627		Voltage_Bat6	U16	0,1	V			R	No. 6 battery pack voltage	End user		0
	0628		Current_Bat6	I16	0,01	A			R	No. 6 battery pack charge and discharge current. Charge is positive, discharge is negative	End user		0
	0629		Power_Bat6	I16	0,01	kW			R	Charging and discharging power of No. 6 battery pack. Charge is positive, discharge is negative	End user		0
	062A		Temperature_Env_Bat6	I16	1	°C			R	Ambient temperature of the 6th battery pack	End user		0
	062B		SOC_Bat6	U16	1	%			R	6th battery pack SOC	End user		0
	062C		SOH_Bat6	U16	1	%			R	No. 6 battery pack SOH	End user		0
	062D		ChargeCycle_Bat6	U16	1	cycle			R	Number of cycles of the 6th battery pack	End user		0
	062E		Voltage_Bat7	U16	0,1	V			R	No. 7 battery pack voltage	End user		0
	062F		Current_Bat7	I16	0,01	A			R	No. 7 battery pack charging and discharging current. Charge is positive, discharge is negative	End user		0
	0630		Power_Bat7	I16	0,01	kW			R	Charging and discharging power of No. 7 battery pack. Charge is positive, discharge is negative	End user		0
	0631		Temperature_Env_Bat7	I16	1	°C			R	Ambient temperature of battery pack No. 7	End user		0
	0632		SOC_Bat7	U16	1	%			R	No. 7 battery pack SOC	End user		0
	0633		SOH_Bat7	U16	1	%			R	No. 7 battery pack SOH	End user		0
	0634		ChargeCycle_Bat7	U16	1	cycle			R	No. 7 battery pack cycle times	End user		0
	0635		Voltage_Bat8	U16	0,1	V			R	No. 8 battery pack voltage	End user		0
	0636		Current_Bat8	I16	0,01	A			R	Charging and discharging current of No. 8 battery pack. Charge is positive, discharge is negative	End user		0
	0637		Power_Bat8	I16	0,01	kW			R	Charging and discharging power of No. 8 battery pack. Charge is positive, discharge is negative	End user		0
	0638		Temperature_Env_Bat8	I16	1	°C			R	Ambient temperature of the 8th battery pack	End user		0
	0639		SOC_Bat8	U16	1	%			R	No. 8 battery pack SOC	End user		0
	063A		SOH_Bat8	U16	1	%			R	No. 8 battery pack SOH	End user		0
	063B		ChargeCycle_Bat8	U16	1	cycle			R	Number of cycles of the 8th battery pack	End user		0
	063C												
	063D												
	063E												
	063F												
	0640		AddressMask_Realtime_Input_Bat2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	End user	00000000	0000000F
	0641										End user		
	0642										End user		
	0643										End user		
	0644		Voltage_Bat9	U16	0,1	V			R	No. 9 battery pack voltage	End user		0

	0645		Current_Bat9	I16	0,01	A			R	No. 9 battery pack charging and discharging current. Charge is positive, discharge is negative	End user		0
	0646		Power_Bat9	I16	0,01	kW			R	The charging and discharging power of the 9th battery pack. Charge is positive, discharge is negative	End user		0
	0647		Temperature_Env_Bat9	I16	1	°C			R	Ambient temperature of the 9th battery pack	End user		0
	0648		SOC_Bat9	U16	1	%			R	No. 9 battery pack SOC	End user		0
	0649		SOH_Bat9	U16	1	%			R	No. 9 battery pack SOH	End user		0
	064A		ChargeCycle_Bat9	U16	1	cycle			R	Number of cycles of the 9th battery pack	End user		0
	064B		Voltage_Bat10	U16	0,1	V			R	No. 10 battery pack voltage	End user		0
	064C		Current_Bat10	I16	0,01	A			R	No. 10 battery pack charge and discharge current. Charge is positive, discharge is negative	End user		0
	064D		Power_Bat10	I16	0,01	kW			R	Charging and discharging power of No. 10 battery pack. Charge is positive, discharge is negative	End user		0
	064E		Temperature_Env_Bat10	I16	1	°C			R	Ambient temperature of No. 10 battery pack	End user		0
	064F		SOC_Bat10	U16	1	%			R	No. 10 battery pack SOC	End user		0
	0650		SOH_Bat10	U16	1	%			R	No. 10 battery pack SOH	End user		0
	0651		ChargeCycle_Bat10	U16	1	cycle			R	Number of cycles of the 10th battery pack	End user		0
	0652		Voltage_Bat11	U16	0,1	V			R	No. 11 battery pack voltage	End user		0
	0653		Current_Bat11	I16	0,01	A			R	The charging and discharging current of No. 11 battery pack. Charge is positive, discharge is negative	End user		0
	0654		Power_Bat11	I16	0,01	kW			R	Charging and discharging power of No. 11 battery pack. Charge is positive, discharge is negative	End user		0
	0655		Temperature_Env_Bat11	I16	1	°C			R	Ambient temperature of battery pack No. 11	End user		0
	0656		SOC_Bat11	U16	1	%			R	No. 11 battery pack SOC	End user		0
	0657		SOH_Bat11	U16	1	%			R	No. 11 battery pack SOH	End user		0
	0658		ChargeCycle_Bat11	U16	1	cycle			R	Number of cycles of the 11th battery pack	End user		0
	0659		Voltage_Bat12	U16	0,1	V			R	No. 12 battery pack voltage	End user		0
	065A		Current_Bat12	I16	0,01	A			R	Charging and discharging current of No. 12 battery pack. Charge is positive, discharge is negative	End user		0
	065B		Power_Bat12	I16	0,01	kW			R	Charging and discharging power of No. 12 battery pack. Charge is positive, discharge is negative	End user		0
	065C		Temperature_Env_Bat12	I16	1	°C			R	Ambient temperature of the 12th battery pack	End user		0
	065D		SOC_Bat12	U16	1	%			R	No. 12 battery pack SOC	End user		0
	065E		SOH_Bat12	U16	1	%			R	No. 12 battery pack SOH	End user		0
	065F		ChargeCycle_Bat12	U16	1	cycle			R	Number of cycles of the 12th battery pack	End user		0
							power(0x0680-0x06BF)						
	0680		AddressMask_Realtime_ElectricityStatistics1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	End user	00000000	00000027
	0681										End user		
	0682										End user		
	0683										End user		
	0684		PV_Generation_Today	U32	0,01	kWh			R	Power generation of the day	End user	1	0
	0685										End user	1	0
	0686		PV_Generation_Total	U32	0,1	kWh			R	Total power generation time	End user	1	0
	0687										End user	1	0
	0688		Load_Consumption_Today	U32	0,01	kWh			R	Load power consumption of the day	End user	1	0
	0689										End user	1	0
	068A	068B	Load_Consumption_Total	U32	0,1	kWh			R	Total load power consumption	End user	1	0
											End user	1	0
	068C		Energy_Purchase_Today	U32	0,01	kWh			R	Buy electricity on the day	End user	1	0
	068D										End user	1	0
	068E		Energy_Purchase_Total	U32	0,1	kWh			R	Total electricity purchased	End user	1	0
	068F										End user	1	0
	0690		Energy_Selling_Today	U32	0,01	kWh			R	Electricity sold on the day	End user	1	0
	0691										End user	1	0
	0692		Energy_Selling_Total	U32	0,1	kWh			R	Total electricity sold	End user	1	0
	0693										End user	1	0
	0694		Bat_Charge_Today	U32	0,01	kWh			R	Battery charge capacity of the day	End user	1	0
	0695										End user	1	0
	0696		Bat_Charge_Total	U32	0,1	kWh			R	Total battery charge	End user	1	0
	0697										End user	1	0
	0698		Bat_Discharge_Today	U32	0,01	kWh			R	Battery discharge capacity of the day	End user	1	0
	0699										End user	1	0
	069A		Bat_Discharge_Total	U32	0,1	kWh			R	Total battery discharge	End user	1	0
	069B										End user	1	0
	069C												
	069D												
	069E												
	069F												
	06A0												

	06A1												
	06A2												
	06A3												
	06A4												
	06A5												
	06A6												
	06A7												
	06A8												
	06A9												
	06AA												
	06AB												
	06AC												
	06AD												
	06AE												
	06AF												
	06B0												
	06B1												
	06B2												
	06B3												
	06B4												
	06B5												
	06B6												
	06B7												
	06B8												
	06B9												
	06BA												
	06BB												
	06BC												
	06BD												
	06BE												
	06BF												
internal info(0x06C0-0x06FF)													
	06C0		AddressMask_Realtime_ClassifiedInfo1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1	Installer	00000000	0000001A
	06C1										Installer		
	06C2										Installer		
	06C3										Installer		
	06C4		GFCI	U16	1	mA			R	Leakage current	Installer	1	0
	06C5		Current_Bus_Balance	I16	0,01	A			R	Balance current	Installer	1	0
	06C6		DCI_R	I16	1	mA			R	R-phase current DC component	Installer	1	0
	06C7		DCI_S	I16	1	mA			R	S-phase current DC component	Installer	1	0
	06C8		DCI_T	I16	1	mA			R	T-phase current DC component	Installer	1	0
	06C9		DCV_R	I16	1	mV			R	R-phase voltage DC component	Installer	1	0
	06CA		DCV_S	I16	1	mV			R	S-phase voltage DC component	Installer	1	0
	06CB		DCV_T	I16	1	mV			R	T-phase voltage DC component	Installer	1	0
	06CC		Voltage_Bus	U16	0,1	V			R	Total BUS voltage	Installer	1	0
	06CD		Voltage_Bus_P	U16	0,1	V			R	BUS positive voltage	Installer	1	0
	06CE		Voltage_Bus_N	U16	0,1	V			R	BUS negative voltage	Installer	1	0
	06CF		Voltage_Bus_LLC	U16	0,1	V			R	LLC Bus voltage	Installer		0
	06D0		Current_BuckBoost	I16	0,01	A			R	BuckBoost current	Installer		0
	06D1		Voltage_Bus_P_Half	U16	0,1	V			R	BUS positive half voltage			0
	06D2		Voltage_Bus_N_Half	U16	0,1	V			R	BUS negative half voltage			0
	06D3		FlyingCap_Voltage1	U16	0,1	V			R	PV1 flying capacitor voltage			0
	06D4		FlyingCap_Voltage2	U16	0,1	V			R	PV2 flying capacitor voltage			0
	06D5		FlyingCap_Voltage3	U16	0,1	V			R	PV3 flying capacitor voltage			0
	06D6		FlyingCap_Voltage4	U16	0,1	V			R	PV4 flying capacitor voltage			0
	06D7		FlyingCap_Voltage5	U16	0,1	V			R	PV5 flying capacitor voltage			0
	06D8		FlyingCap_Voltage6	U16	0,1	V			R	PV6 flying capacitor voltage			0
	06D9		FlyingCap_Voltage7	U16	0,1	V			R	PV7 flying capacitor voltage			0
	06DA		FlyingCap_Voltage8	U16	0,1	V			R	PV8 flying capacitor voltage			0
	06DB		FlyingCap_Voltage9	U16	0,1	V			R	PV9 flying capacitor voltage			0
	06DC		FlyingCap_Voltage10	U16	0,1	V			R	PV10 flying capacitor voltage			0
	06DD		FlyingCap_Voltage11	U16	0,1	V			R	PV11 flying capacitor voltage			0
	06DE		FlyingCap_Voltage12	U16	0,1	V			R	PV12 flying capacitor voltage			0
	06DF		FlyingCap_Voltage13	U16	0,1	V			R	PV13 flying capacitor voltage			0
	06E0		FlyingCap_Voltage14	U16	0,1	V			R	PV14 flying capacitor voltage			0
	06E1		FlyingCap_Voltage15	U16	0,1	V			R	PV15 flying capacitor voltage			0
	06E2		FlyingCap_Voltage16	U16	0,1	V			R	PV16 flying capacitor voltage			0
	06E3												
	06E4												
	06E5												
	06E6												

	06E7												
	06E8												
	06E9												
	06EA												
	06EB												
	06EC												
	06ED												
	06EE												
	06EF												
	06F0												
	06F1												
	06F2												
	06F3												
	06F4												
	06F5												
	06F6												
	06F7												
	06F8												
	06F9												
	06FA												
	06FB												
	06FC												
	06FD												
	06FE												
	06FF												
combined info(0x0700-0x077F)													
	0700 0701 0702 0703		AddressMask_Realtime_CombinerInfo1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this	Installer Installer Installer Installer	00000000	0000000F
	0704		Voltage_Group1	U16	0,1	V			R	The first group of bus voltage		0	0
	0705		Current_Group1_Branch1	U16	0,01	A			R	The first group of the first string current			
	0706		Current_Group1_Branch2	U16	0,01	A			R	The first group and the second string current			
	0707		Voltage_Group2	U16	0,1	V			R	The second group of bus voltage			
	0708		Current_Group2_Branch1	U16	0,01	A			R	2nd group 1st string current			
	0709		Current_Group2_Branch2	U16	0,01	A			R	2nd group 2nd string current			
	070A		Voltage_Group3	U16	0,1	V			R	The third group of bus voltage			
	070B		Current_Group3_Branch1	U16	0,01	A			R	3rd group 1st string current			
	070C		Current_Group3_Branch2	U16	0,01	A			R	3rd group 2nd string current			
	070D		Voltage_Group4	U16	0,1	V			R	Group 4 bus voltage			
	070E		Current_Group4_Branch1	U16	0,01	A			R	4th group 1st string current			
	070F		Current_Group4_Branch2	U16	0,01	A			R	4th group 2nd string current			
	0710		Voltage_Group5	U16	0,1	V			R	Group 5 bus voltage			
	0711		Current_Group5_Branch1	U16	0,01	A			R	5th group 1st string current			
	0712		Current_Group5_Branch2	U16	0,01	A			R	5th group 2nd string current			
	0713		Voltage_Group6	U16	0,1	V			R	Group 6 bus voltage			
	0714		Current_Group6_Branch1	U16	0,01	A			R	6th group 1st string current			
	0715		Current_Group6_Branch2	U16	0,01	A			R	6th group 2nd string current			
	0716		Voltage_Group7	U16	0,1	V			R	Group 7 bus voltage			
	0717		Current_Group7_Branch1	U16	0,01	A			R	7th group 1st string current			
	0718		Current_Group7_Branch2	U16	0,01	A			R	7th group 2nd string current			
	0719		Voltage_Group8	U16	0,1	V			R	Group 8 bus voltage			
	071A		Current_Group8_Branch1	U16	0,01	A			R	8th group 1st string current			
	071B		Current_Group8_Branch2	U16	0,01	A			R	8th group 2nd string current			
	071C		Voltage_Group9	U16	0,1	V			R	Group 9 bus voltage			
	071D		Current_Group9_Branch1	U16	0,01	A			R	9th group 1st string current			
	071E		Current_Group9_Branch2	U16	0,01	A			R	9th group 2nd string current			
	071F		Voltage_Group10	U16	0,1	V			R	Group 10 bus voltage			
	0720		Current_Group10_Branch1	U16	0,01	A			R	10th group 1st string current			
	0721		Current_Group10_Branch2	U16	0,01	A			R	10th group 2nd string current			
	0722		Voltage_Group11	U16	0,1	V			R	Group 11 bus voltage			
	0723		Current_Group11_Branch1	U16	0,01	A			R	11th group 1st string current			
	0724		Current_Group11_Branch2	U16	0,01	A			R	11th group 2nd string current			
	0725		Voltage_Group12	U16	0,1	V			R	The 12th group of bus voltage			
	0726		Current_Group12_Branch1	U16	0,01	A			R	12th group 1st string current			
	0727		Current_Group12_Branch2	U16	0,01	A			R	12th group 2nd string current			
	0728		Voltage_Group13	U16	0,1	V			R	Group 13 bus voltage			
	0729		Current_Group13_Branch1	U16	0,01	A			R	13th group 1st string current			
	072A		Current_Group13_Branch2	U16	0,01	A			R	13th group 2nd string current			
	072B		Voltage_Group14	U16	0,1	V			R	Group 14 bus voltage			
	072C		Current_Group14_Branch1	U16	0,01	A			R	The 14th group and the 1st string current			

	072D		Current_Group14_Branch2	U16	0,01	A			R	The 14th group and the 2nd string current			
	072E		Voltage_Group15	U16	0,1	V			R	Group 15 bus voltage			
	072F		Current_Group15_Branch1	U16	0,01	A			R	15th group 1st string current			
	0730		Current_Group15_Branch2	U16	0,01	A			R	15th group 2nd string current			
	0731		Voltage_Group16	U16	0,1	V			R	The 16th group of bus voltage			
	0732		Current_Group16_Branch1	U16	0,01	A			R	The 16th group of the first string current			
	0733		Current_Group16_Branch2	U16	0,01	A			R	16th group 2nd string current			
	0734												
	0735												
	0736												
	0737												
	0738												
	0739												
	073A												
	073B												
	073C												
	073D												
	073E												
	073F												
	0740		AddressMask_Realtime_CombinerInfo2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this	Installer	00000000	0000000F
	0741										Installer		
	0742										Installer		
	0743										Installer		
	0744											0	0
	0745												
	0746												
	0747												
	0748												
	0749												
	074A												
	074B												
	074C												
	074D												
	074E												
	074F												
	0750												
	0751												
	0752												
	0753												
	0754												
	0755												
	0756												
	0757												
	0758												
	0759												
	075A												
	075B												
	075C												
	075D												
	075E												
	075F												
	0760												
	0761												
	0762												
	0763												
	0764												
	0765												
	0766												
	0767												
	0768												
	0769												
	076A												
	076B												
	076C												
	076D												
	076E												
	076F												
	0770												
	0771												
	0772												
	0773												
	0774												
	0775												
	0776												

	0777												
	0778												
	0779												
	077A												
	077B												
	077C												
	077D												
	077E												
	077F												
Arcing information(0x0780-0x07BF)													
	0780 0781 0782 0783		AddressMask_Realtime_ArcInfo3	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	Installer Installer Installer Installer	00000000	0000000F
	0784		ArcStrength_Channel1	I16	1				R	Real-time arc intensity monitored by channel 1			0
	0785		ArcStrength_Channel2	I16	1				R	Real-time arc intensity monitored by channel 2			0
	0786		ArcStrength_Channel3	I16	1				R	Real-time arc intensity monitored by channel 3			0
	0787		ArcStrength_Channel4	I16	1				R	Real-time arc intensity monitored by channel 4			0
	0788		ArcStrength_Channel5	I16	1				R	Real-time arc intensity monitored by channel 5			0
	0789		ArcStrength_Channel6	I16	1				R	Real-time arc intensity monitored by channel 6			0
	078A		ArcStrength_Channel7	I16	1				R	Real-time arc intensity monitored by channel 7			0
	078B		ArcStrength_Channel8	I16	1				R	Real-time arc intensity monitored by channel 8			0
	078C		ArcStrength_Channel9	I16	1				R	Real-time arc intensity monitored by channel 9			0
	078D		ArcStrength_Channel10	I16	1				R	Real-time arc intensity monitored by channel 10			0
	078E		ArcStrength_Channel11	I16	1				R	Real-time arc intensity monitored by channel 11			0
	078F		ArcStrength_Channel12	I16	1				R	Real-time arc intensity monitored by channel 12			0
	0790		ArcStrength_Channel13	I16	1				R	Real-time arc intensity monitored by channel 13			0
	0791		ArcStrength_Channel14	I16	1				R	Real-time arc intensity monitored by channel 14			0
	0792		ArcStrength_Channel15	I16	1				R	Real-time arc intensity monitored by channel 15			0
	0793		ArcStrength_Channel16	I16	1				R	Real-time arc intensity monitored by channel 16			0
	0794		ArcStrength_Channel17	I16	1				R	Real-time arc intensity monitored by channel 17			0
	0795		ArcStrength_Channel18	I16	1				R	Real-time arc intensity monitored by channel 18			0
	0796		ArcStrength_Channel19	I16	1				R	Real-time arc intensity monitored by channel 19			0
	0797		ArcStrength_Channel20	I16	1				R	Real-time arc intensity monitored by channel 20			0
	0798		ArcStrength_Channel21	I16	1				R	Real-time arc intensity monitored by channel 21			0
	0799		ArcStrength_Channel22	I16	1				R	Real-time arc intensity monitored by channel 22			0
	079A		ArcStrength_Channel23	I16	1				R	Real-time arc intensity monitored by channel 23			0
	079B		ArcStrength_Channel24	I16	1				R	Real-time arc intensity monitored by channel 24			0
	079C		ArcStrength_Channel25	I16	1				R	Real-time arc intensity monitored by channel 25			0
	079D		ArcStrength_Channel26	I16	1				R	Real-time arc intensity monitored by channel 26			0
	079E		ArcStrength_Channel27	I16	1				R	Real-time arc intensity monitored by channel 27			0
	079F		ArcStrength_Channel28	I16	1				R	Real-time arc intensity monitored by channel 28			0
	07A0		ArcStrength_Channel29	I16	1				R	Channel 29 monitored real-time arc intensity			0
	07A1		ArcStrength_Channel30	I16	1				R	Real-time arc intensity monitored by channel 30			0
	07A2		ArcStrength_history_Channel1	I16	1				R	Record the monitored arc intensity history after channel 1 is powered on Maximum value, automatically cleared after power failure			0
	07A3		ArcStrength_history_Channel2	I16	1				R	Record the monitored arc intensity history after channel 2 is powered on Maximum value, automatically cleared after power failure			0
	07A4		ArcStrength_history_Channel3	I16	1				R	Record the monitored arc intensity history after channel 3 is powered on Maximum value, automatically cleared after power failure			0
	07A5		ArcStrength_history_Channel4	I16	1				R	Record the monitored arc intensity history after channel 4 is powered on Maximum value, automatically cleared after power failure			0
	07A6		ArcStrength_history_Channel5	I16	1				R	Record the monitored arc intensity history after channel 5 is powered on Maximum value, automatically cleared after power failure			0
	07A7		ArcStrength_history_Channel6	I16	1				R	Record the monitored arc intensity history after channel 6 is powered on Maximum value, automatically cleared after power failure			0
	07A8		ArcStrength_history_Channel7	I16	1				R	Record the monitored arc intensity history after channel 7 is powered on Maximum value, automatically cleared after power failure			0
	07A9		ArcStrength_history_Channel8	I16	1				R	Record the monitored arc intensity history after channel 8 is powered on Maximum value, automatically cleared after power failure			0

	07AA		ArcStrength_history_Channel9	I16	1				R	Record the monitored arc intensity history after channel 9 is powered on Maximum value, automatically cleared after power failure			0
	07AB		ArcStrength_history_Channel10	I16	1				R	Record the monitored arc intensity history after channel 10 is powered on Maximum value, automatically cleared after power failure			0
	07AC		ArcStrength_history_Channel11	I16	1				R	Record the monitored arc intensity history after channel 11 is powered on Maximum value, automatically cleared after power failure			0
	07AD		ArcStrength_history_Channel12	I16	1				R	Record the monitored arc intensity history after channel 12 is powered on Maximum value, automatically cleared after power failure			0
	07AE		ArcStrength_history_Channel13	I16	1				R	Record the monitored arc intensity history after channel 13 is powered on Maximum value, automatically cleared after power failure			0
	07AF		ArcStrength_history_Channel14	I16	1				R	Record the monitored arc intensity history after channel 14 is powered on Maximum value, automatically cleared after power failure			0
	07B0		ArcStrength_history_Channel15	I16	1				R	Record the monitored arc intensity history after channel 15 is powered on Maximum value, automatically cleared after power failure			0
	07B1		ArcStrength_history_Channel16	I16	1				R	Record the monitored arc intensity history after channel 16 is powered on Maximum value, automatically cleared after power failure			0
	07B2		ArcStrength_history_Channel17	I16	1				R	Record the monitored arc intensity history after channel 17 is powered on Maximum value, automatically cleared after power failure			0
	07B3		ArcStrength_history_Channel18	I16	1				R	Record the monitored arc intensity history after channel 18 is powered on Maximum value, automatically cleared after power failure			0
	07B4		ArcStrength_history_Channel19	I16	1				R	Record the monitored arc intensity history after channel 19 is powered on Maximum value, automatically cleared after power failure			0
	07B5		ArcStrength_history_Channel20	I16	1				R	Record the monitored arc intensity history after channel 20 is powered on Maximum value, automatically cleared after power failure			0
	07B6		ArcStrength_history_Channel21	I16	1				R	Record the monitored arc intensity history after channel 21 is powered on Maximum value, automatically cleared after power failure			0
	07B7		ArcStrength_history_Channel22	I16	1				R	Record the monitored arc intensity history after channel 22 is powered on Maximum value, automatically cleared after power failure			0
	07B8		ArcStrength_history_Channel23	I16	1				R	Record the monitored arc intensity history after channel 23 is powered on Maximum value, automatically cleared after power failure			0
	07B9		ArcStrength_history_Channel24	I16	1				R	Record the monitored arc intensity history after channel 24 is powered on Maximum value, automatically cleared after power failure			0
	07BA		ArcStrength_history_Channel25	I16	1				R	Record the monitored arc intensity history after channel 25 is powered on Maximum value, automatically cleared after power failure			0
	07BB		ArcStrength_history_Channel26	I16	1				R	Record the monitored arc intensity history after channel 26 is powered on Maximum value, automatically cleared after power failure			0
	07BC		ArcStrength_history_Channel27	I16	1				R	Record the monitored arc intensity history after channel 27 is powered on Maximum value, automatically cleared after power failure			0
	07BD		ArcStrength_history_Channel28	I16	1				R	Record the monitored arc intensity history after channel 28 is powered on Maximum value, automatically cleared after power failure			0
	07BE		ArcStrength_history_Channel29	I16	1				R	Record the monitored arc intensity history after channel 29 is powered on Maximum value, automatically cleared after power failure			0
	07BF		ArcStrength_history_Channel30	I16	1				R	Record the monitored arc intensity history after channel 30 is powered on Maximum value, automatically cleared after power failure			0

Basic setting(0x1000-0x17FF)													
Basic parameter configuration(0x1000-0x10FF)													
	1000 1001 1002 1003		AddressMask_Config_Basic1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.	End user End user End user End user	00000000	0000001F
	1004		SysTimeConfig_Year	U16		Year	0	99	RW	System time-year; The actual year is equal to 2000+register value	End user	1	0
	1005		SysTimeConfig_Month	U16		January	1	12	RW	System time-month	End user	1	0
	1006		SysTimeConfig_Date	U16		Day	1	31	RW	System Time-Daily Minutes	End user	1	0
	1007		SysTimeConfig_Hour	U16		hour	0	23	RW	System time-hour	End user	1	0
	1008		SysTimeConfig_Minute	U16		minutes	0	59	RW	System time-minutes	End user	1	0
	1009		SysTimeConfig_Second	U16		seconds	0	59	RW	System time-second	End user	1	0
	100A		SysTimeConfig_Control	U16			1	1	RW	When the written value is 1, the value in the system time shadow register is updated to the actual system time; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong	End user	1	0
	100B		RS485Config_Address	U16			1	247	RW	RS485 configuration-address	End user	1	0
	100C		RS485Config_Baud	U16			0	4	RW	RS485波特率选择； 0：4800bps 1：9600bps（默认） 2：19200bps 3：38400bps 4：57600bps	End user	1	0
	100D		RS485Config_StopBit	U16			0	2	RW	RS485 stop bit selection; 0: 1 stop bit (default) 1: 1.5 stop bits 2: 2 stop bits	End user	1	0
	100E		RS485Config_ParityBit	U16			0	4	RW	RS485 check digit selection; 0: No check/None (default) 1: Even parity/Even 2: Odd parity/Odd 3: High/Mark 4: Low/Space	End user	1	0
	100F		RS485Config_Control	U16			1	1	RW	When the written value is 1, the value in the RS485 configuration shadow register is updated to the system RS485 configuration; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong	End user	1	0
	1010		PV_InputMode_Config	U16			0	1	RW	PV input mode selection. 0: Parallel mode 1: Independent mode (default)	Installer		0

	1011		InputType_Channel0_Config	U16			0	255	RW	Input channel 0 type selection. The value 0 indicates that the current channel is not in use. Values 1 to 127 indicate that the current channel is a photovoltaic panel input. values 128 to 255 indicate that the current channel is a battery input. If two or more channels have the same value and are greater than zero, it means that these channels are input in parallel;	Installer	1	0
	1012		InputType_Channel1_Config	U16			0	255	RW		Installer	1	0
	1013		InputType_Channel2_Config	U16			0	255	RW		Installer	1	0
	1014		InputType_Channel3_Config	U16			0	255	RW		Installer	1	0
	1015		InputType_Channel4_Config	U16			0	255	RW		Installer		0
	1016		InputType_Channel5_Config	U16			0	255	RW		Installer		0
	1017		InputType_Channel6_Config	U16			0	255	RW		Installer		0
	1018		InputType_Channel7_Config	U16			0	255	RW		Installer		0
	1019		InputType_Channel8_Config	U16			0	255	RW		Installer		0
	101A		InputType_Channel9_Config	U16			0	255	RW		Installer		0
	101B		InputType_Channel10_Config	U16			0	255	RW		Installer		0
	101C		InputType_Channel11_Config	U16			0	255	RW		Installer		0
	101D		InputType_Channel12_Config	U16			0	255	RW		Installer		0
	101E		InputType_Channel13_Config	U16			0	255	RW		Installer		0
	101F		InputType_Channel14_Config	U16			0	255	RW		Installer		0
	1020		InputType_Channel15_Config	U16			0	255	RW		Installer		0
	1021		InputType_Control	U16			1	1	RW	When the written value is 1, the value in the input channel type shadow register is updated to the system input channel type configuration; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong	Installer	1	0
	1022		SafetyUpdateFromUSB_Control	U16			1	1	RW	When the written value is 1, it is used for the communication board to take out the safety parameters from the U disk; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong	Installer	1	0
	1023		AntiReflux_Control	U16			0	2	RW	Anti-backflow enable control When the written value is 0, the anti-backflow function is prohibited When the written value is 1, it is the default anti-backflow mode When the written value is 2, it is the average power anti-backflow mode	Installer	1	0
	1024		AntiReflux_Power	U16	100	W	0	65535	RW	Anti-backflow power	Installer	1	0
	1025		IVCurveScan_Control	U16			0	1	RW	IV curve scan enable control	Installer	1	0
	1026		IVCurveScan_Period	U16	1	Minutes	5	65535	RW	IV curve scan period	Installer	1	0
	1027		IVCurveScan_Oneshot	U16			1	1	RW	IV curve scan activated; When the written value is 1, activate 1 IV curve scan; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong	Installer	1	0

	1028		IVCurveScan_ReadChannel	U16			0	31	RW	The IV curve scan returns the data channel. This register is used to specify the PV channel corresponding to the return value of the IV curve scan result	Installer	1	0
	1029		EPS_Control	U16			0	2	RW	Emergency power supply enable control 0: Turn off the emergency power supply (default) 1: Turn on the emergency power supply and prohibit cold start 2: Turn on the emergency power supply and enable cold start	End user	1	0
	102A		EPS_WaitTime	U16	1	seconds	0	65535	RW	Emergency power supply start waiting time (reserved function)	End user		0
	102B		BatteryActive_Control	U16			0	1	RW	Battery automatic activation enable control	End user		0
	102C		BatteryActive_Oneshot	U16			1	1	RW	Battery activation; When the written value is 1, the battery is activated once; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter storage failed 0xFFFF: The operation failed, the input parameter is wrong	End user	0	0
	102D		CT_Auto_Calibrate	U16			1	1	RW	CT automatic correction; When the written value is 1, automatic CT correction is performed once; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter storage failed 0xFFFF: The operation failed, the input parameter is wrong	Installer	1	0
	102E		Italy_AutoTest	U16			1	2	RW	意大利自动测试 写入： 0x0001：执行标准测试； 0x0002：执行快速测试； 读取时，返回上次写入操作的状态： 0x0000：成功 0x0001：正在操作标准测试 0x0002：正在操作快速测试 0xFFFB：操作失败，控制器拒绝响应（可能控制器正忙或配置错误） 0xFFFC：操作失败，控制器无应答 0xFFFD：操作失败，当前功能被禁止 0xFFFE：操作失败，参数存储失败 0xFFFF：操作失败，输入参数有误	Installer	1	0
	102F			U16					RW		Installer		0
	1030		EnergyStatistics_Date_Year	U16	1	Year	0	19	RW	Energy statistics return date setting register. This register specifies the year of the returned energy data. Year refers to the Nth most recent year relative to the inverter system time. N is the register value. 0: the current year of the system time; 1: 1 year before the system time; … 19: 19 years before system time	Installer	1	0
	1031		EnergyStatistics_Date_Month	U16	1	Month	1	12	RW	Energy statistics return date setting register. This register specifies the month of the returned energy data.	Installer	1	0
	1032		EnergyStatistics_Date_Date	U16	1	Date	1	31	RW	Energy statistics return date setting register. This register specifies the day and minute of the returned energy data	Installer	1	0

	1033		EnergyStatistics_Config	U16					RW	Energy statistics return setting register. High byte: the date and time setting of the returned data. 0x01: Every day, the first 24 data in the return area are valid; 0x02: every month, the first 31 data in the return area are valid; 0x03: Every year, the first 12 data in the return area are valid; 0x04: life cycle, the first 20 data in the return area are valid; Other: invalid. Low byte: the physical quantity setting of the returned data. 0x01: photovoltaic power generation; 0x02: load power consumption; 0x03: The system buys electricity; 0x04: The system sells electricity; 0x05: battery charge capacity; 0x06: battery discharge capacity; Other: invalid.	Installer	1	0
	1034		Language	U16			0	65535	RW	The inverter menu language number setting register. 0: 1:	End user	1	0
	1035		Parallel_Control	U16			0	2	RW	0: Disable the parallel function 1: Enable AC parallel function 2: Enable AC+BAT parallel function	Installer	1	0
	1036		Parallel_Master_Slave	U16			0	1	RW	0: The machine is configured as a slave 1: The machine is configured as the host (default)	Installer	1	0
	1037		Parallel_Address	U16			0	10	RW	Local parallel address	Installer	1	0
	1038		UnbalancedSupport_Control	U16			0	1	RW	3-phase 4-wire mode grid unbalanced support control register 0: Disable unbalanced support function (default) 1: Enable unbalanced support function	Installer	1	0
	1039		PV_Generation_Ratio	U16	0,001	p.u.	800	3600	RW	Power generation rate. The default value is 1000	Installer		0
	103A		Energy_Purchase_Ratio	U16	0,001	p.u.	800	1500	RW	Buy power rate. The default value is 1000	Installer		0
	103B		Energy_Selling_Ratio	U16	0,001	p.u.	800	1500	RW	Selling power ratio. The default value is 1000	Installer		0
	103C		Bat_Charge_Ratio	U16	0,001	p.u.	800	1500	RW	Battery Charging power rate, Default value: 1000	Installer		0
	103D		Bat_Discharge_Ratio	U16	0,001	p.u.	800	1500	RW	Battery Discharge power rate. Default value: 1000	Installer		0
	103E												
	103F												
	1040		AddressMask_Config_Basic2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.	End user	00000000	00000022
	1041										End user		
	1042										End user		
	1043										End user		
	1044		BatConfig_ID	U16			0	7	RW	Battery serial number. The serial number specified by this register corresponds to the actual battery input interface of the inverter. After successfully writing to this register, the battery parameters will be updated to the parameters corresponding to the written serial number. **NOTE: the BatConfig parameters can only be written all at once with Multi write command, for example:** **01 10 10 44 00 13 26 00 00 00 00 00 00 13 88 16 F3 00 00 11 17 0D AC 0D AC 00 32 00 32 00 78 13 88 00 00 00 05 00 01 00 10 00 10 00 10 B7 B8**	End user	1	0
	1045		BatConfig_Address	U16			0	99	RW	Battery communication address. If multiple batteries are allowed in the system, this register is used to mark the battery address of the physical interface corresponding to the battery serial number	End user	1	0
	1046		BatConfig_Protocol	U16			0	65535	RW	Battery Parameters-Communication Protocol 0: Built-in BMS (for batteries without their own BMS like Lead Acid) 1: Pylontech Protocol 2: SOFAR Protocol 3: AMASS Batteries 4: LGchem 5: Alpha.ESS 6: CATL 7: Weco	End user	1	0
	1047		BatConfig_Voltage_Over	U16	0,1	V	0	65535	RW	Battery parameters-overvoltage protection value	Installer	1	0
	1048		BatConfig_Voltage_Charge	U16	0,1	V	0	65535	RW	Battery parameters-charging voltage protection value	Installer	1	0
	1049		BatConfig_Voltage_Lack	U16	0,1	V	0	65535	RW	Battery parameters-undervoltage protection voltage, lead-acid battery visible	Installer	1	0
	104A		BatConfig_Voltage_Discharge_Stop	U16	0,1	V	0	65535	RW	Battery Parameter-Lowest discharge voltage	Installer	1	0

	104B		BatConfig_Current_Charge_Limit	U16	0,01	A	0	65535	RW	Battery Parameter-Maximum charge current limit	End user	1	0
	104C		BatConfig_Current_Discharge_Limit	U16	0,01	A	0	65535	RW	Battery Parameter-Maximum discharge current limit	End user	1	0
	104D		BatConfig_Depth_of_Discharge	U16	1	%	1	90	RW	Dod indicates the max discharge power, when SOC<1-DOD, inverter will stop power discharge , inverter will stop power discharge caused by other issues. DOD<=EOD	End user	1	0
	104E		BatConfig_End_of_Discharge	U16	1	%	1	90	RW	EOD indicates the maximum off-grid discharge. When SOC<1-EOD, the inverter will stop discharging, and the inverter will also stop discharging according to other conditions	End user	1	0
	104F		BatConfig_Capacity	U16	1	Ah	1	65535	RW	Battery parameters-battery capacity (default 50)	End user	1	0
	1050		BatConfig_Voltage_Nominal	U16	0,1	V	0	65535	RW	Battery parameters-rated battery voltage (default 0)	End user	1	0
	1051		BatConfig_Cell_Type	U16	1		0	3	RW	Battery parameters-battery cell type; 0: Lead acid (default) 1: Lithium iron phosphate 2: Lithium Ternary battery 3: Lithium titanate battery	End user	1	0
	1052		BatConfig_EPS_Buffer	U16	1	%	5	100	RW	Battery parameters-lead acid resistance; Default value: 50mΩ; Internal resistance + line resistance	End user	1	0
	1053		BatConfig_Control	U16					RW	Battery parameter write control; When the written value is 1, the value in the battery parameter shadow register is updated to the system battery parameter configuration; When the written value is 2, the value in the battery parameter shadow register is updated to the default value of BatConfig_Potocol; When reading, return the status of the last write operation: 0x0000: success 0x0001: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter storage failed 0xFFFF: The operation failed, the input parameter is wrong	End user	1	0
	1054		BatConfig_Address2	U16			0	99	RW	Battery address. If multiple batteries are allowed in the system, this register is used to mark the battery address of the physical interface corresponding to the battery serial number	End user	1	
	1055		BatConfig_Address3	U16			0	99	RW	Battery address. If multiple batteries are allowed in the system, this register is used to mark the battery address of the physical interface corresponding to the battery serial number.	End user	1	
	1056		BatConfig_Address4	U16			0	99	RW	Battery address. If multiple batteries are allowed in the system, this register is used to mark the battery address of the physical interface corresponding to the battery serial number.	End user	1	
	1057												
	1058												
	1059												
	105A												
	105B												
	105C												
	105D												
	105E												
	105F												
	1060		PCCSampleMode	U16			0	2	RW	PCC power acquisition device configuration 0: not used 1: Electricity meter 2: CT 3: ARPC			
	1061												
	1062												
	1063												
	1064												
	1065												
	1066												
	1067												
	1068												
	1069												
	106A												
	106B												

	106C												
	106D												
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	1073												
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	1075												
	1076												
	1077												
	1078												
	1079												
	107A												
	107B												
	107C												
	107D												
	107E												
	107F												
	1080		AddressMask_Config_Basic3	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.	Installer	00000000	0000000F
	1081										Installer		
	1082										Installer		
	1083										Installer		
	1084		Arcing_Alarm_Enable	U16					RW	Enable arc detection function	Installer		
	1085		Arcing_ChannelSelfTest_Comm	U16					RW	Write 1 to start self-check (self-check all channels). It will be automatically cleared after the self-test	Installer		
	1086		Arcing_ChannelSelfTest_Result	U32					R	bit0 indicates the self-check result of channel 1, bit1 indicates the channel	Installer		
	1087										Installer		
	1088		Arcing_Alarm_Threshold1	I16	1		0	127	RW	Settable arc alarm threshold (all channels)	Installer		
	1089		Arcing_Alarm_Threshold2	I16	1		0	127	RW	Settable arc alarm threshold (all channels)	Installer		
	108A		Arcing_Alarm_Threshold3	I16	1		0	127	RW	Settable arc alarm threshold (all channels)	Installer		
	108B		Arcing_Alarm_Threshold4	I16	1		0	127	RW	Settable arc alarm threshold (all channels)	Installer		
	108C		Arcing_Alarm_Clear	U16			0x1234	0x1234	RW	Write 0x1234 to clear the arc alarm (all channels)	Installer		
	108D		Arcing_Alarm_ShutDown_Threshold	U16	1		1	32	RW	DC arc alarm fault threshold: after "current arc alarm times" is greater than or equal to "current arc alarm times", a DC arc alarm fault is reported and the inverter shuts down	Installer		
	108E		Arcing_Alarm_Counter	U16	1		0	32	R	Current arc alarm times	Installer		
	108F												
	1090												
	1091												
	1092												
	1093												
	1094												
	1095												
	1096												
	1097												
	1098												
	1099												
	109A												
	109B												
	109C												
	109D												
	109E												
	109F												
	10A0		PLC_Enable_Setting	U16					RW				
	10A1		PLC_Com_Property	U16	NULL	NULL			RW	bit0-bit1:0~1 corresponds to 1/1.5 bit2~bit4:0~7 corresponds to NONE/odd/EVEN three kinds of checksum bit5~bit7 0~3 corresponds to 8/9l two kinds of data bit length bit8~15 0~7 corresponds to 4800/9600/19200/38400/115200	End-users		
	10A2												
	10A3												
	10A4												
	10A5		BLE_Enable_Setting	U16	NULL	NULL		1	RW				
	10A6		BLE_Com_Property	U16	NULL	NULL		65535	RW	bit0-bot1:0~1 corresponds to 1/1.5 bit2~bit4:0~7 corresponds to NONE/odd/EVEN three types of checksum bit5~bit7 0~1 corresponds to 8/9l two kinds of data bit length bit8~15 0~7 corresponds to 4800/9600/19200/38400/115200			
	10A7												
	10A8												

	10A9												
	10AA												
	10AB												
	10AC												
	10AD												
	10AE												
	10AF												
	10B0		PID_Auto_running_enable	U16				1	RW	PID start auto-run. 0 means disable; 1 means enable.	End Users		
	10B1		PID_Working_Start_Time	BCD16	1	Minute		2359	RW	PID operation start time (BCD code). For example: a minimum value of 0x0000 indicates 00:00. Maximum value 0x2359 indicates 23:59.	End User		
	10B2		PID_Working_Hours	U16	1	Minute		65535	RW	PID operating duration.	End User		
	10B3		PID_Working_PV_Threshold	U16	0,1	V		65535	RW	PID start PV value threshold. PID activation is only allowed when the PV voltage is below the threshold value.	End User		
	10B4		PID_Break_Restart_Delay	U16	1	Minute		65535	RW	Restart wait time after PID fault shutdown.	End User		
	10B5												
	10B6												
	10B7												
	10B8												
	10B9												
	10BA												
	10BB												
	10BC												
	10BD												
	10BE												
	10BF												
	10C0												
	10C1												
	10C2												
	10C3												
	10C4												
	10C5												
	10C6												
	10C7												
	10C8												
	10C9												
	10CA												
	10CB												
	10CC												
	10CD												
	10CE												
	10CF												
	10D0												
	10D1												
	10D2												
	10D3												
	10D4												
	10D5												
	10D6												
	10D7												
	10D8												
	10D9												
	10DA												
	10DB												
	10DC												
	10DD												
	10DE												
	10DF												
	10E0												
	10E1												
	10E2												
	10E3												
	10E4												
	10E5												
	10E6												
	10E7												
	10E8												
	10E9												
	10EA												
	10EB												
	10EC												
	10ED												

	10EE												
	10EF												
	10F0												
	10F1												
	10F2												
	10F3												
	10F4												
	10F5												
	10F6												
	10F7												
	10F8												
	10F9												
	10FA												
	10FB												
	10FC												
	10FD												
	10FE												
	10FF												
							Remote control (0x1100-0x12FF)						
	1100		AddressMask_Config_Remote1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above and including the address of this field. bit4 represents the address where the highest bit of this field plus 1 is located. 0 means invalid; 1 means valid.	End user	00000000	0000001C
	1101										End user		
	1102										End user		
	1103										End user		
	1104		Remote_On_Off_Control	U16			0	1	RW	Remote power on/off. 0x0000: Power off 0x0001: power on	End user	1	0
	1105		Power_Control	U16					RW	Power control. Bit0: active (address 0x1106) enable bit Bit1: Reactive (address 0x1107-0x1108) enable bit Bit2: Reactive mode selection bit (0: Reactive_Power; 1: Power_Factor)	End user		0
	1106		Active_Power_Export_Limit	U16	0,1	%	0	1000	RW	Output maximum active power percentage	End user		0
	1107		Active_Power_Import_Limit	U16	0,1	%	0	1000	RW	Input maximum active power percentage	End user		0
	1108		Reactive_Power_Setting	I16	0,1	%	-1000	1000	RW	Reactive power percentage. The inverter end is positive for leading and negative for lagging Note: Maximum reactive power is limited by the specific model.	End user		0
	1109		Power_Factor_Setting	I16	0,01	p.u.	-100	100	RW	Power factor. The inverter end is positive for leading and negative for lagging Note: Minimum power factor is limited by the specific model.	End user		0
	110A		Active_Power_Limit_Speed	U16	1	%	1	65535	RW	Active power limit change rate	End user		0
	110B		Reactive_Power_Response_Time	U16	0,1	second	0	65535	RW	Reactive power setting response time	End user		0
	110C										End user		0
	110D										End user		0
	110E										End user		0
	110F										End user		0
	1110		Energy_Storage_Mode_Control	U16			0	4	RW	Energy storage operating mode setting. 0: Self-generating and self-consumption mode 1: time-sharing tariff mode 2: Timed charging and discharging mode 3: Passive mode 4: Peak-shaving mode Used to change the operating mode.	End user	1	0
	1111		Timing_ID	U16			0	3	RW	Timed charging and discharging - rule sequence number. The smaller the serial number, the higher the priority. After successfully writing this register, the timing charge parameter will be updated to the parameter corresponding to the written serial number.	End user	1	0
	1112		Timing_On_Off_Control	U16			0	1	RW	Timed charge/discharge-enable control. Bit0:Charge enable Bit1: Discharge enable	End user	1	0
	1113		Timing_Charge_Start	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. Charging start hour Low byte. Charge start minute	End user	1	0
	1114		Timing_Charge_End	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. End of charge hours Low Byte. Charge end minutes	End user	1	0
	1115		Timing_Discharge_Start	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. Discharge start hours Low Byte. Discharge start minutes	End user	1	0

	1116		Timing_Discharge_End	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. End of discharge hours Low Byte. Discharge end minutes	End user	1	0
	1117		Timing_Power_Charge	U32	1	W	1	4294967296	RW	Timed charging and discharging - charging power	End user	1	0
	1118										End user	1	0
	1119		Timing_Power_Discharge	U32	1	W	1	4294967296	RW	Timed charge/discharge-discharge power	End user	1	0
	111A										End user	1	0
	111B		Timing_Rsvd1							Timed charging and discharging-reserve 1	End user		0
	111C		Timing_Rsvd2							Timed charging and discharging-reserve 2	End user		0
	111D		Timing_Rsvd3							Timing charge and discharge-reserve 3	End user		0
	111E		Timing_Rsvd4							Timing charge and discharge-reserve 4	End user		0
	111F		Timing_Control	U16			1	1	RW	Timing charge and discharge write control. (a) When the write value is 1, the value in the Timing Charge shadow register is updated to the system Timing Charge configuration. When reading, the status of the last write operation is returned to 0x0000: success 0x0001: operation in progress 0xFFFB: operation failed, the controller refuses to respond (maybe the controller is busy or configuration error) 0xFFFC: operation failed, no response from the controller 0xFFFD: operation failed, current function is disabled 0xFFFE: operation failed, parameter storage failed 0xFFFF: operation failed, input parameters are wrong	End user	1	0
	1120		TOU_ID	U16			0	7	RW	Time-sharing tariff-rule serial number. The smaller the serial number is, the higher the priority is. After successful writing to this register, the time-of-day tariff parameters will be updated to the parameters corresponding to the written serial number.	End user	1	0
	1121		TOU_On_Off_Control	U16			0	1	RW	time-of-use tariff-rule enable. 0: Disable 1: enable	End user	1	0
	1122		TOU_Charge_Start	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. Charging start hour Low byte. Charge start minutes	End user	1	0
	1123		TOU_Charge_End	U16	1 1	hours minutes	0 0	23 59	RW	High Byte. End of charge hours Low Byte. Charge end minutes	End user	1	0
	1124		TOU_Charge_Target_SOC	U16	1	%	30	100	RW	Timeshare-Forced Charge Cutoff SOC. The percentage of power remaining, when the current SOC of the battery reaches this register value, the forced charge ends and enters self-generating mode, while discharging is prohibited.	End user	1	0
	1125		TOU_Charge_Power	U32	1	W	1	4294967296	RW	Time-sharing tariff-Forced charging power. The set value cannot exceed the rated power of the machine.	End user	1	0
	1126										End user	1	0
	1127		TOU_Executed_Date_Start	U16	1 1	month day	1 1	12 31	RW	High Byte. Month the rule goes into effect Low Byte. Date the rule became effective	End user	1	0
	1128		TOU_Executed_Date_End	U16	1 1	month day	1 1	12 31	RW	High Byte. Month the rule stopped taking effect Low Byte. The date the rule ceased to be effective	End user	1	0
	1129		TOU_Executed_Day_of_Week	U16					RW	Timeshare-Rule Effective Week. This register is represented by a bit field, bit 0 indicates an invalid week, bit 1 indicates a valid week Bit0 : Monday Bit1 : Tuesday Bit2 : Wednesday Bit3 : Thursday Bit4 : Friday Bit5: Saturday Bit6: Sunday	End user	1	0
	112A		TOU_Rsvd1							Time-of-use tariff - Reserved 1	End user		0
	112B		TOU_Rsvd2							Time Share Tariff - Reserved 2	End user		0
	112C		TOU_Rsvd3							Time share tariff - reserved 3	End user		0
	112D		TOU_Rsvd4							Time share tariff-reserve 4	End user		0
	112E		TOU_Rsvd5							Time share tariff-reserve 5	End user		0

	112F		TOU_Control	U16			1	1	RW	Time-of-use tariff - write control. (a) When the write value is 1, the value in the timesharing tariff shadow register is updated to the system timesharing tariff configuration. When read, the status of the last write operation is returned. 0x0000: successful 0x0001: operation in progress 0xFFFB: operation failed, controller refuses to respond (possibly controller is busy or misconfigured) 0xFFFC: operation failed, no response from the controller 0xFFFD: operation failed, current function is disabled 0xFFFE: operation failed, parameter storage failed 0xFFFF: operation failed, input parameters are wrong	End user	1	0
	1130		Peak_Shaving_Discharge_Threshold	U32	1	W	100		RW	The upper limit of the power allowed to the system to buy power from the grid	End user		0
	1131										End user		0
	1132		Peak_Shaving_Charge_Threshold	U32	1	W	100		RW	Upper limit of the power allowed to the system to sell power to the grid	End user		0
	1133										End user		0
	1134												
	1135												
	1136												
	1137												
	1138												
	1139												
	113A												
	113B												
	113C												
	113D												
	113E												
	113F												
	1140		AddressMask_Config_Remote2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above and including the address of this field. bit4 represents the address where the highest bit of the address of this field plus 1 is located. 0 means invalid; 1 means valid.	End user	00000000	0000000F
	1141										End user		
	1142										End user		
	1143										End user		
	1144											0	0
	1145												
	1146												
	1147												
	1148												
	1149												
	114A												
	114B												
	114C												
	114D												
	114E												
	114F												
	1150												
	1151												
	1152												
	1153												
	1154												
	1155												
	1156												
	1157												
	1158												
	1159												
	115A												
	115B												
	115C												
	115D												
	115E												
	115F												
	1160												
	1161												
	1162												

	1163												
	1164												
	1165												
	1166												
	1167												
	1168												
	1169												
	116A												
	116B												
	116C												
	116D												
	116E												
	116F												
	1170												
	1171												
	1172												
	1173												
	1174												
	1175												
	1176												
	1177												
	1178												
	1179												
	117A												
	117B												
	117C												
	117D												
	117E												
	117F												
	1180		AddressMask_Config_Remote3	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1. 0 means invalid; 1 means valid	End user	00000000	00000015
	1181										End user		
	1182										End user		
	1183										End user		
	1184		Passive_Timeout	U16	1	seconds	0	65535	RW	Passive mode-timeout control; Default value: 0; Set the passive mode communication timeout time. When the inverter does not receive any communication within the time set by this register, the inverter will force the timeout action. In particular, writing 0 to this register will disable the timeout function Note: this register must be written together with 1185 (Passive_Timeout_Action)	End user	0	0
	1185		Passive_Timeout_Action	U16			0	1	RW	Passive mode-timeout action; 0: Forced standby 1: Forced to restore to the energy storage mode before entering the passive mode	End user		0
	1186		Passive Rsvd1								End user		0
	1187		Passive_Manual_Gdes	I32	1	W	-2147483648	2147483647	RW	Manual mode expected grid power (Gdes); A positive value indicates the power direction "from the grid to the system"; Negative values indicate the power direction "from system to grid	End user	1	0
	1188										End user	1	0
	1189		Passive_Manual_Blo	I32	1	W	-2147483648	2147483647	RW	Manual mode expected grid power (Gdes); A positive value indicates the power direction "from the grid to the system"; Negative values indicate the power direction "from system to grid	End user	1	0
	118A										End user	1	0

	118B		Passive_Manual_Bup	I32	1	W	-2147483648	2147483647	RW	The maximum charge and discharge power of the battery in Manual mode (Bup); Positive value means charging; Negative values indicate discharge	End user	1	0
	118C										End user	1	0
	118D		Passive_Manual_Gdzup	I32	1	W	-2147483648	2147483647	RW	Manual mode allows selling electric power (Gdzup); A positive value indicates the power direction "from the grid to the system"; Negative values indicate the power direction "from system to grid Only wirks with peak-shaving mode	End user		0
	118E										End user		0
	118F		Passive_Manual_Gdzlo	I32	1	W	-2147483648	2147483647	RW	Manual mode allows to buy electric power (Gdzlo); A positive value indicates the power direction "from the grid to the system"; Negative values indicate the power direction "from system to grid"	End user		0
	1190										End user		0
	1191		Passive_Scheduler_Gdes_Ante	I32	1	W	-2147483648	2147483647	RW	Scheduler mode expected grid power (Gdes_Ante); The parameters of the planned task are valid during the planned	End user		0
	1192										End user		0
	1193		Passive_Scheduler_Blo_Ante	I32	1	W	-2147483648	2147483647	RW	Minimum charge and discharge power of the battery in Scheduler mode (Blo_Ante);	End user		0
	1194										End user		0
	1195		Passive_Scheduler_Bup_Ante	I32	1	W	-2147483648	2147483647	RW	The maximum charge and discharge power of the battery in Scheduler mode (Bup_Ante);	End user		0
	1196										End user		0
	1197		Passive_Scheduler_Gdzup_Ante	I32	1	W	-2147483648	2147483647	RW	Scheduler mode allows to sell electric power (Gdzup_Ante); The parameters of the planned task are valid during the planned time period.	End user		0
	1198										End user		0
	1199		Passive_Scheduler_Gdzlo_Ante	I32	1	W	-2147483648	2147483647	RW	Scheduler mode allows to buy electric power (Gdzlo_Ante); The parameters of the planned task are valid during the planned	End user		0
	119A										End user		0
	119B		Passive_Scheduler_Gdes_Post	I32	1	W	-2147483648	2147483647	RW	Scheduler mode expected grid power (Gdes_Post); Schedule task parameters, valid after the scheduled time period.	End user		0
	119C										End user		0
	119D		Passive_Scheduler_Blo_Post	I32	1	W	-2147483648	2147483647	RW	The minimum charge and discharge power of the battery in Scheduler mode (Blo_Post);	End user		0
	119E										End user		0
	119F		Passive_Scheduler_Bup_Post	I32	1	W	-2147483648	2147483647	RW	The maximum charge and discharge power of the battery in Scheduler mode (Bup_Post);	End user		0
	11A0										End user		0
	11A1		Passive_Scheduler_Gdzup_Post	I32	1	W	-2147483648	2147483647	RW	Scheduler mode allows selling electric power (Gdzup_Post); Schedule task parameters, valid after the scheduled time period.	End user		0
	11A2										End user		0
	11A3		Passive_Scheduler_Gdzlo_Post	I32	1	W	-2147483648	2147483647	RW	Scheduler mode allows to buy electric power (Gdzlo_Post); Schedule task parameters, valid after the scheduled time period.	End user		0
	11A4										End user		0
	11A5		Passive_Scheduler_StartTime	U32	1	seconds	0	4294967296	RW	Scheduler mode application expected parameter setting value start time;	End user		0
	11A6										End user		0
	11A7		Passive_Scheduler_DurationTime	U32	1	seconds	0	4294967296	RW	Scheduler mode application expects the duration of parameter setting value (DurationTime)	End user		0
	11A8										End user		0
	11A9		Passive_Scheduler_ManagementMode	U16			0	2	RW	Scheduler mode management mode selection (ManagementMode); 0: Spontaneous self-use mode 1: Manual mode 2: Scheduler mode Only 0, 1, 2 can be input, other data is invalid.	End user		0
	11AA												
	11AB												
	11AC												
	11AD												
	11AE												
	11AF												
	11B0												
	11B1												
	11B2												
	11B3												
	11B4												
	11B5												
	11B6												
	11B7												
	11B8												
	11B9												
	11BA												
	11BB												

	11BC												
	11BD												
	11BE												
	11BF												
	11C0		AddressMask_Config_Remote4	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1. 0 means invalid; 1 means valid.	End user	00000000	0000000F
	11C1										End user		
	11C2										End user		
	11C3										End user		
	11C4											0	0
	11C5												
The inverter returns a read-only result(0x1300-0x15FF)													
	1300		AddressMask_Config_ReadOnly_Result1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	0000002B
	1301												
	1302												
	1303												
	1304		Italay_Autotest_Result1	U16	0,1	V			R	Italian automatic test 59.s1. The default setting of the first-level overvoltage protection value		1	0
	1305		Italay_Autotest_Result2	U16	1	ms			R	Italian automatic test 59.s1. The first-level overvoltage protection time is set by default.		1	0
	1306		Italay_Autotest_Result3	U16	0,1	V			R	Italian automatic test 59.s1. Test result of first-level overvoltage protection value.		1	0
	1307		Italay_Autotest_Result4	U16	1	ms			R	Italian automatic test 59.s1. The first level overvoltage protection time test result.		1	0
	1308		Italay_Autotest_Result5	U16	0,1	V			R	Italian automatic test 59.s2. The secondary overvoltage protection value is set by default.		1	0
	1309		Italay_Autotest_Result6	U16	1	ms			R	Italian automatic test 59.s2. The secondary overvoltage protection time is set by default		1	0
	130A		Italay_Autotest_Result7	U16	0,1	V			R	Italian automatic test 59.s2. Test result of secondary overvoltage protection value.		1	0
	130B		Italay_Autotest_Result8	U16	1	ms			R	Italian automatic test 59.s2. Test result of secondary overvoltage protection time.		1	0
	130C		Italay_Autotest_Result9	U16	0,1	V			R	Italian automatic test 27.s1. The first-level undervoltage protection value is set by default		1	0
	130D		Italay_Autotest_Result10	U16	1	ms			R	"Italian automatic test 27.s1.		1	0
	130E		Italay_Autotest_Result11	U16	0,1	V			R	The first-level undervoltage protection time is set by default. "		1	0
	130F		Italay_Autotest_Result12	U16	1	ms			R	"Italian automatic test 27.s1.		1	0
	1310		Italay_Autotest_Result13	U16	0,1	V			R	The first level undervoltage protection value test result. "		1	0
	1311		Italay_Autotest_Result14	U16	1	ms			R	"Italian automatic test 27.s1.		1	0
	1312		Italay_Autotest_Result15	U16	0,1	V			R	The first level undervoltage protection time test result. "		1	0
	1313		Italay_Autotest_Result16	U16	1	ms			R	"Italian automatic test 27.s2.		1	0
	1314		Italay_Autotest_Result17	U16	0,01	Hz			R	The secondary undervoltage protection value is set by default. "		1	0

	1315		Italay_Autotest_Result18	U16	1	ms			R	"Italian automatic test 27.s2.		1	0
	1316		Italay_Autotest_Result19	U16	0,01	Hz			R	The secondary undervoltage protection time is set by default. "		1	0
	1317		Italay_Autotest_Result20	U16	1	ms			R	"Italian automatic test 27.s2.		1	0
	1318		Italay_Autotest_Result21	U16	0,01	Hz			R	Test result of secondary undervoltage protection value. "		1	0
	1319		Italay_Autotest_Result22	U16	1	ms			R	"Italian automatic test 27.s2.		1	0
	131A		Italay_Autotest_Result23	U16	0,01	Hz			R	Test result of secondary undervoltage protection time. "		1	0
	131B		Italay_Autotest_Result24	U16	1	ms			R	"Italian automatic test 81>s1.		1	0
	131C		Italay_Autotest_Result25	U16	0,01	Hz			R	The first-level over-frequency protection value is set by default. "		1	0
	131D		Italay_Autotest_Result26	U16	1	ms			R	"Italian automatic test 81>s1.		1	0
	131E		Italay_Autotest_Result27	U16	0,01	Hz			R	The first-level over-frequency protection time is set by default. "		1	0
	131F		Italay_Autotest_Result28	U16	1	ms			R	"Italian automatic test 81>s1.		1	0
	1320		Italay_Autotest_Result29	U16	0,01	Hz			R	Test result of level 1 over-frequency protection value. "		1	0
	1321		Italay_Autotest_Result30	U16	1	ms			R	Italian Auto Test 81<s2.		1	0
	1322		Italay_Autotest_Result31	U16	0,01	Hz			R	The second level under-frequency protection time is set by default. "		1	0
	1323		Italay_Autotest_Result32	U16	1	ms			R	"Italian Auto Test 81<s2.		1	0
	1324		Italay_Autotest_Result33							Test result of secondary underfrequency protection value. "			0
	1325		Italay_Autotest_Result34							"Italian Auto Test 81<s2.			0
	1326		Italay_Autotest_Result35							Test result of secondary under-frequency protection time. "			0
	1327		Italay_Autotest_Result36							Italy automatic test result 36			0
	1328		Italay_Autotest_Result37							Italy automatic test result 37			0
	1329		Italay_Autotest_Result38							Italy automatic test result 38			0
	132A		Italay_Autotest_Result39							Italy automatic test result 39			0
	132B		Italay_Autotest_Result40							Italian automatic test result 40			0
	132C		Italay_Autotest_Result41							Italian automatic test result 41			0
	132D		Italay_Autotest_Result42							Italian automatic test result 42			0
	132E		Italay_Autotest_Result43							Italy automatic test result 43			0
	132F		Italay_Autotest_Result44							Italy automatic test result 44			0
	1330		Italay_Autotest_Result45							Italy automatic test result 45			0
	1331		Italay_Autotest_Result46							Italy automatic test result 46			0
	1332		Italay_Autotest_Result47							Italy automatic test result 47			0
	1333		Italay_Autotest_Result48							Italy automatic test result 48			0
	1340		AddressMask_Config_ReadOnly_Result2	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.		00000000	0000002B
	1341												
	1342												
	1343												
	1344		IVCurve_Voltage1	U16	0,1	V			R	IV curve sweep voltage 1		1	0
	1345		IVCurve_Current1	U16	0,01	A			R	IV curve sweep current 1		1	0
	1346		IVCurve_Voltage2	U16	0,1	V			R	IV curve sweep voltage 2		1	0
	1347		IVCurve_Current2	U16	0,01	A			R	IV curve scan current 2		1	0
	1348		IVCurve_Voltage3	U16	0,1	V			R	IV curve sweep voltage 3		1	0
	1349		IVCurve_Current3	U16	0,01	A			R	IV curve scan current 3		1	0
	134A		IVCurve_Voltage4	U16	0,1	V			R	IV curve sweep voltage 4		1	0
	134B		IVCurve_Current4	U16	0,01	A			R	IV curve scan current 4		1	0
	134C		IVCurve_Voltage5	U16	0,1	V			R	IV curve sweep voltage 5		1	0
	134D		IVCurve_Current5	U16	0,01	A			R	IV curve scan current 5		1	0
	134E		IVCurve_Voltage6	U16	0,1	V			R	IV curve sweep voltage 6		1	0
	134F		IVCurve_Current6	U16	0,01	A			R	IV curve scan current 6		1	0
	1350		IVCurve_Voltage7	U16	0,1	V			R	IV curve sweep voltage 7		1	0
	1351		IVCurve_Current7	U16	0,01	A			R	IV curve scan current 7		1	0
	1352		IVCurve_Voltage8	U16	0,1	V			R	IV curve sweep voltage 8		1	0
	1353		IVCurve_Current8	U16	0,01	A			R	IV curve scan current 8		1	0
	1354		IVCurve_Voltage9	U16	0,1	V			R	IV curve sweep voltage 9		1	0
	1355		IVCurve_Current9	U16	0,01	A			R	IV curve sweep current 9		1	0
	1356		IVCurve_Voltage10	U16	0,1	V			R	IV curve sweep voltage 10		1	0
	1357		IVCurve_Current10	U16	0,01	A			R	IV curve sweep current 10		1	0
	1358		IVCurve_Voltage11	U16	0,1	V			R	IV curve sweep voltage 11		1	0
	1359		IVCurve_Current11	U16	0,01	A			R	IV curve scan current 11		1	0
	135A		IVCurve_Voltage12	U16	0,1	V			R	IV curve sweep voltage 12		1	0
	135B		IVCurve_Current12	U16	0,01	A			R	IV curve scan current 12		1	0
	135C		IVCurve_Voltage13	U16	0,1	V			R	IV curve sweep voltage 13		1	0
	135D		IVCurve_Current13	U16	0,01	A			R	IV curve sweep current 13		1	0
	135E		IVCurve_Voltage14	U16	0,1	V			R	IV curve sweep voltage 14		1	0
	135F		IVCurve_Current14	U16	0,01	A			R	IV curve scan current 14		1	0
	1360		IVCurve_Voltage15	U16	0,1	V			R	IV curve sweep voltage 15		1	0
	1361		IVCurve_Current15	U16	0,01	A			R	IV curve scan current 15		1	0
	1362		IVCurve_Voltage16	U16	0,1	V			R	IV curve sweep voltage 16		1	0
	1363		IVCurve_Current16	U16	0,01	A			R	IV curve scan current 16		1	0
	1364		IVCurve_Voltage17	U16	0,1	V			R	IV curve sweep voltage 17		1	0

	1365		IVCurve_Current17	U16	0,01	A			R	IV curve scan current 17		1	0
	1366		IVCurve_Voltage18	U16	0,1	V			R	IV curve sweep voltage 18		1	0
	1367		IVCurve_Current18	U16	0,01	A			R	IV curve scan current 18		1	0
	1368		IVCurve_Voltage19	U16	0,1	V			R	IV curve sweep voltage 19		1	0
	1369		IVCurve_Current19	U16	0,01	A			R	IV curve scan current 19		1	0
	136A		IVCurve_Voltage20	U16	0,1	V			R	IV curve sweep voltage 20		1	0
	136B		IVCurve_Current20	U16	0,01	A			R	IV curve scan current 20		1	0
	136C		IVCurve_Voltage21	U16	0,1	V			R	IV curve sweep voltage 21		1	0
	136D		IVCurve_Current21	U16	0,01	A			R	IV curve scan current 21		1	0
	136E		IVCurve_Voltage22	U16	0,1	V			R	IV curve scan voltage 22		1	0
	136F		IVCurve_Current22	U16	0,01	A			R	IV curve scan current 22		1	0
	1370		IVCurve_Voltage23	U16	0,1	V			R	IV curve scan voltage 23		1	0
	1371		IVCurve_Current23	U16	0,01	A			R	IV curve scan current 23		1	0
	1372		IVCurve_Voltage24	U16	0,1	V			R	IV curve sweep voltage 24		1	0
	1373		IVCurve_Current24	U16	0,01	A			R	IV curve scan current 24		1	0
	1374		IVCurve_Voltage25	U16	0,1	V			R	IV curve sweep voltage 25		1	0
	1375		IVCurve_Current25	U16	0,01	A			R	IV curve scan current 25		1	0
	1376		IVCurve_Voltage26	U16	0,1	V			R	IV curve sweep voltage 26		1	0
	1377		IVCurve_Current26	U16	0,01	A			R	IV curve scan current 26		1	0
	1378		IVCurve_Voltage27	U16	0,1	V			R	IV curve scan voltage 27		1	0
	1379		IVCurve_Current27	U16	0,01	A			R	IV curve scan current 27		1	0
	137A		IVCurve_Voltage28	U16	0,1	V			R	IV curve sweep voltage 28		1	0
	137B		IVCurve_Current28	U16	0,01	A			R	IV curve scan current 28		1	0
	137C		IVCurve_Voltage29	U16	0,1	V			R	IV curve sweep voltage 29		1	0
	137D		IVCurve_Current29	U16	0,01	A			R	IV curve scan current 29		1	0
	137E		IVCurve_Voltage30	U16	0,1	V			R	IV curve sweep voltage 30		1	0
	137F		IVCurve_Current30	U16	0,01	A			R	IV curve scan current 30		1	0
	1380 1381 1382 1383		AddressMask_Config_ReadOnly_Result3	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	0000002B
	1384		IVCurve_Voltage31	U16	0,1	V			R	IV curve sweep voltage 31		1	0
	1385		IVCurve_Current31	U16	0,01	A			R	IV curve scan current 31		1	0
	1386		IVCurve_Voltage32	U16	0,1	V			R	IV curve scan voltage 32		1	0
	1387		IVCurve_Current32	U16	0,01	A			R	IV curve scan current 32		1	0
	1388		IVCurve_Voltage33	U16	0,1	V			R	IV curve sweep voltage 33		1	0
	1389		IVCurve_Current33	U16	0,01	A			R	IV curve scan current 33		1	0
	138A		IVCurve_Voltage34	U16	0,1	V			R	IV curve sweep voltage 34		1	0
	138B		IVCurve_Current34	U16	0,01	A			R	IV curve scan current 34		1	0
	138C		IVCurve_Voltage35	U16	0,1	V			R	IV curve scan voltage 35		1	0
	138D		IVCurve_Current35	U16	0,01	A			R	IV curve scan current 35		1	0
	138E		IVCurve_Voltage36	U16	0,1	V			R	IV curve scan voltage 36		1	0
	138F		IVCurve_Current36	U16	0,01	A			R	IV curve scan current 36		1	0
	1390		IVCurve_Voltage37	U16	0,1	V			R	IV curve sweep voltage 37		1	0
	1391		IVCurve_Current37	U16	0,01	A			R	IV curve scan current 37		1	0
	1392		IVCurve_Voltage38	U16	0,1	V			R	IV curve sweep voltage 38		1	0
	1393		IVCurve_Current38	U16	0,01	A			R	IV curve scan current 38		1	0
	1394		IVCurve_Voltage39	U16	0,1	V			R	IV curve sweep voltage 39		1	0
	1395		IVCurve_Current39	U16	0,01	A			R	IV curve scan current 39		1	0
	1396		IVCurve_Voltage40	U16	0,1	V			R	IV curve sweep voltage 40		1	0
	1397		IVCurve_Current40	U16	0,01	A			R	IV curve scan current 40		1	0
	1398		IVCurve_Voltage41	U16	0,1	V			R	IV curve sweep voltage 41		1	0
	1399		IVCurve_Current41	U16	0,01	A			R	IV curve scan current 41		1	0
	139A		IVCurve_Voltage42	U16	0,1	V			R	IV curve sweep voltage 42		1	0
	139B		IVCurve_Current42	U16	0,01	A			R	IV curve scan current 42		1	0
	139C		IVCurve_Voltage43	U16	0,1	V			R	IV curve scan voltage 43		1	0
	139D		IVCurve_Current43	U16	0,01	A			R	IV curve scan current 43		1	0
	139E		IVCurve_Voltage44	U16	0,1	V			R	IV curve sweep voltage 44		1	0
	139F		IVCurve_Current44	U16	0,01	A			R	IV curve scan current 44		1	0
	13A0		IVCurve_Voltage45	U16	0,1	V			R	IV curve sweep voltage 45		1	0
	13A1		IVCurve_Current45	U16	0,01	A			R	IV curve scan current 45		1	0
	13A2		IVCurve_Voltage46	U16	0,1	V			R	IV curve scan voltage 46		1	0
	13A3		IVCurve_Current46	U16	0,01	A			R	IV curve scan current 46		1	0
	13A4		IVCurve_Voltage47	U16	0,1	V			R	IV curve scan voltage 47		1	0
	13A5		IVCurve_Current47	U16	0,01	A			R	IV curve scan current 47		1	0
	13A6		IVCurve_Voltage48	U16	0,1	V			R	IV curve scan voltage 48		1	0
	13A7		IVCurve_Current48	U16	0,01	A			R	IV curve scan current 48		1	0
	13A8		IVCurve_Voltage49	U16	0,1	V			R	IV curve sweep voltage 49		1	0
	13A9		IVCurve_Current49	U16	0,01	A			R	IV curve scan current 49		1	0

	13AA		IVCurve_Voltage50	U16	0,1	V			R	IV curve sweep voltage 50		1	0
	13AB		IVCurve_Current50	U16	0,01	A			R	IV curve scan current 50		1	0
	13AC		IVCurve_Voltage51	U16	0,1	V			R	IV curve scan voltage 51		1	0
	13AD		IVCurve_Current51	U16	0,01	A			R	IV curve scan current 51		1	0
	13AE		IVCurve_Voltage52	U16	0,1	V			R	IV curve scan voltage 52		1	0
	13AF		IVCurve_Current52	U16	0,01	A			R	IV curve scan current 52		1	0
	13B0		IVCurve_Voltage53	U16	0,1	V			R	IV curve sweep voltage 53		1	0
	13B1		IVCurve_Current53	U16	0,01	A			R	IV curve scan current 53		1	0
	13B2		IVCurve_Voltage54	U16	0,1	V			R	IV curve sweep voltage 54		1	0
	13B3		IVCurve_Current54	U16	0,01	A			R	IV curve scan current 54		1	0
	13B4		IVCurve_Voltage55	U16	0,1	V			R	IV curve sweep voltage 55		1	0
	13B5		IVCurve_Current55	U16	0,01	A			R	IV curve scan current 55		1	0
	13B6		IVCurve_Voltage56	U16	0,1	V			R	IV curve sweep voltage 56		1	0
	13B7		IVCurve_Current56	U16	0,01	A			R	IV curve scan current 56		1	0
	13B8		IVCurve_Voltage57	U16	0,1	V			R	IV curve sweep voltage 57		1	0
	13B9		IVCurve_Current57	U16	0,01	A			R	IV curve scan current 57		1	0
	13BA		IVCurve_Voltage58	U16	0,1	V			R	IV curve sweep voltage 58		1	0
	13BB		IVCurve_Current58	U16	0,01	A			R	IV curve scan current 58		1	0
	13BC		IVCurve_Voltage59	U16	0,1	V			R	IV curve sweep voltage 59		1	0
	13BD		IVCurve_Current59	U16	0,01	A			R	IV curve scan current 59		1	0
	13BE		IVCurve_Voltage60	U16	0,1	V			R	IV curve sweep voltage 60		1	0
	13BF		IVCurve_Current60	U16	0,01	A			R	IV curve scan current 60		1	0
	13C0		AddressMask_Config_ReadOnly_Result4	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	0000002B
	13C1												
	13C2												
	13C3												
	13C4		IVCurve_Voltage61	U16	0,1	V			R	IV curve sweep voltage 61		1	0
	13C5		IVCurve_Current61	U16	0,01	A			R	IV curve scan current 61		1	0
	13C6		IVCurve_Voltage62	U16	0,1	V			R	IV curve scan voltage 62		1	0
	13C7		IVCurve_Current62	U16	0,01	A			R	IV curve scan current 62		1	0
	13C8		IVCurve_Voltage63	U16	0,1	V			R	IV curve scan voltage 63		1	0
	13C9		IVCurve_Current63	U16	0,01	A			R	IV curve scan current 63		1	0
	13CA		IVCurve_Voltage64	U16	0,1	V			R	IV curve scan voltage 64		1	0
	13CB		IVCurve_Current64	U16	0,01	A			R	IV curve scan current 64		1	0
	13CC		IVCurve_Voltage65	U16	0,1	V			R	IV curve sweep voltage 65		1	0
	13CD		IVCurve_Current65	U16	0,01	A			R	IV curve scan current 65		1	0
	13CE		IVCurve_Voltage66	U16	0,1	V			R	IV curve sweep voltage 66		1	0
	13CF		IVCurve_Current66	U16	0,01	A			R	IV curve scan current 66		1	0
	13D0		IVCurve_Voltage67	U16	0,1	V			R	IV curve sweep voltage 67		1	0
	13D1		IVCurve_Current67	U16	0,01	A			R	IV curve scan current 67		1	0
	13D2		IVCurve_Voltage68	U16	0,1	V			R	IV curve scan voltage 68		1	0
	13D3		IVCurve_Current68	U16	0,01	A			R	IV curve scan current 68		1	0
	13D4		IVCurve_Voltage69	U16	0,1	V			R	IV curve sweep voltage 69		1	0
	13D5		IVCurve_Current69	U16	0,01	A			R	IV curve scan current 69		1	0
	13D6		IVCurve_Voltage70	U16	0,1	V			R	IV curve sweep voltage 70		1	0
	13D7		IVCurve_Current70	U16	0,01	A			R	IV curve scan current 70		1	0
	13D8		IVCurve_Voltage71	U16	0,1	V			R	IV curve sweep voltage 71		1	0
	13D9		IVCurve_Current71	U16	0,01	A			R	IV curve scan current 71		1	0
	13DA		IVCurve_Voltage72	U16	0,1	V			R	IV curve scan voltage 72		1	0
	13DB		IVCurve_Current72	U16	0,01	A			R	IV curve scan current 72		1	0
	13DC		IVCurve_Voltage73	U16	0,1	V			R	IV curve sweep voltage 73		1	0
	13DD		IVCurve_Current73	U16	0,01	A			R	IV curve scan current 73		1	0
	13DE		IVCurve_Voltage74	U16	0,1	V			R	IV curve sweep voltage 74		1	0
	13DF		IVCurve_Current74	U16	0,01	A			R	IV curve scan current 74		1	0
	13E0		IVCurve_Voltage75	U16	0,1	V			R	IV curve sweep voltage 75		1	0
	13E1		IVCurve_Current75	U16	0,01	A			R	IV curve scan current 75		1	0
	13E2		IVCurve_Voltage76	U16	0,1	V			R	IV curve scan voltage 76		1	0
	13E3		IVCurve_Current76	U16	0,01	A			R	IV curve scan current 76		1	0
	13E4		IVCurve_Voltage77	U16	0,1	V			R	IV curve sweep voltage 77		1	0
	13E5		IVCurve_Current77	U16	0,01	A			R	IV curve scan current 77		1	0
	13E6		IVCurve_Voltage78	U16	0,1	V			R	IV curve sweep voltage 78		1	0
	13E7		IVCurve_Current78	U16	0,01	A			R	IV curve sweep current 78		1	0
	13E8		IVCurve_Voltage79	U16	0,1	V			R	IV curve sweep voltage 79		1	0
	13E9		IVCurve_Current79	U16	0,01	A			R	IV curve sweep current 79		1	0
	13EA		IVCurve_Voltage80	U16	0,1	V			R	IV curve sweep voltage 80		1	0
	13EB		IVCurve_Current80	U16	0,01	A			R	IV curve sweep current 80		1	0
	13EC		IVCurve_Voltage81	U16	0,1	V			R	IV curve sweep voltage 81			0
	13ED		IVCurve_Current81	U16	0,01	A			R	IV curve sweep current 81			0
	13EE		IVCurve_Voltage82	U16	0,1	V			R	IV curve sweep voltage 82			0

	13EF		IVCurve_Current82	U16	0,01	A			R	IV curve scan current 82			0
	13F0		IVCurve_Voltage83	U16	0,1	V			R	IV curve sweep voltage 83			0
	13F1		IVCurve_Current83	U16	0,01	A			R	IV curve sweep current 83			0
	13F2		IVCurve_Voltage84	U16	0,1	V			R	IV curve sweep voltage 84			0
	13F3		IVCurve_Current84	U16	0,01	A			R	IV curve sweep current 84			0
	13F4		IVCurve_Voltage85	U16	0,1	V			R	IV curve sweep voltage 85			0
	13F5		IVCurve_Current85	U16	0,01	A			R	IV curve sweep current 85			0
	13F6		IVCurve_Voltage86	U16	0,1	V			R	IV curve sweep voltage 86			0
	13F7		IVCurve_Current86	U16	0,01	A			R	IV curve scan current 86			0
	13F8		IVCurve_Voltage87	U16	0,1	V			R	IV curve sweep voltage 87			0
	13F9		IVCurve_Current87	U16	0,01	A			R	IV curve scan current 87			0
	13FA		IVCurve_Voltage88	U16	0,1	V			R	IV curve sweep voltage 88			0
	13FB		IVCurve_Current88	U16	0,01	A			R	IV curve sweep current 88			0
	13FC		IVCurve_Voltage89	U16	0,1	V			R	IV curve sweep voltage 89			0
	13FD		IVCurve_Current89	U16	0,01	A			R	IV curve scan current 89			0
	13FE		IVCurve_Voltage90	U16	0,1	V			R	IV curve sweep voltage 90			0
	13FF		IVCurve_Current90	U16	0,01	A			R	IV curve sweep current 90			0
	1400		AddressMask_Config_ReadOnly_Result5	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	0000000F
	1401												
	1402												
	1403												
	1404		IVCurve_Voltage91	U16	0,1	V			R	IV curve sweep voltage 91		0	0
	1405		IVCurve_Current91	U16	0,01	A			R	IV curve sweep current 91			0
	1406		IVCurve_Voltage92	U16	0,1	V			R	IV curve sweep voltage 92			0
	1407		IVCurve_Current92	U16	0,01	A			R	IV curve scan current 92			0
	1408		IVCurve_Voltage93	U16	0,1	V			R	IV curve sweep voltage 93			0
	1409		IVCurve_Current93	U16	0,01	A			R	IV curve sweep current 93			0
	140A		IVCurve_Voltage94	U16	0,1	V			R	IV curve sweep voltage 94			0
	140B		IVCurve_Current94	U16	0,01	A			R	IV curve scan current 94			0
	140C		IVCurve_Voltage95	U16	0,1	V			R	IV curve sweep voltage 95			0
	140D		IVCurve_Current95	U16	0,01	A			R	IV curve sweep current 95			0
	140E		IVCurve_Voltage96	U16	0,1	V			R	IV curve sweep voltage 96			0
	140F		IVCurve_Current96	U16	0,01	A			R	IV curve scan current 96			0
	1410		IVCurve_Voltage97	U16	0,1	V			R	IV curve sweep voltage 97			0
	1411		IVCurve_Current97	U16	0,01	A			R	IV curve scan current 97			0
	1412		IVCurve_Voltage98	U16	0,1	V			R	IV curve sweep voltage 98			0
	1413		IVCurve_Current98	U16	0,01	A			R	IV curve scan current 98			0
	1414		IVCurve_Voltage99	U16	0,1	V			R	IV curve sweep voltage 99			0
	1415		IVCurve_Current99	U16	0,01	A			R	IV curve sweep current 99			0
	1416		IVCurve_Voltage100	U16	0,1	V			R	IV curve sweep voltage 100			0
	1417		IVCurve_Current100	U16	0,01	A			R	IV curve sweep current 100			0
	1418		IVCurve_Voltage101	U16	0,1	V			R	IV curve sweep voltage 101			0
	1419		IVCurve_Current101	U16	0,01	A			R	IV curve sweep current 101			0
	141A		IVCurve_Voltage102	U16	0,1	V			R	IV curve sweep voltage 102			0
	141B		IVCurve_Current102	U16	0,01	A			R	IV curve scan current 102			0
	141C		IVCurve_Voltage103	U16	0,1	V			R	IV curve sweep voltage 103			0
	141D		IVCurve_Current103	U16	0,01	A			R	IV curve scan current 103			0
	141E		IVCurve_Voltage104	U16	0,1	V			R	IV curve sweep voltage 104			0
	141F		IVCurve_Current104	U16	0,01	A			R	IV curve scan current 104			0
	1420		IVCurve_Voltage105	U16	0,1	V			R	IV curve sweep voltage 105			0
	1421		IVCurve_Current105	U16	0,01	A			R	IV curve scan current 105			0
	1422		IVCurve_Voltage106	U16	0,1	V			R	IV curve sweep voltage 106			0
	1423		IVCurve_Current106	U16	0,01	A			R	IV curve scan current 106			0
	1424		IVCurve_Voltage107	U16	0,1	V			R	IV curve sweep voltage 107			0
	1425		IVCurve_Current107	U16	0,01	A			R	IV curve scan current 107			0
	1426		IVCurve_Voltage108	U16	0,1	V			R	IV curve sweep voltage 108			0
	1427		IVCurve_Current108	U16	0,01	A			R	IV curve sweep current 108			0
	1428		IVCurve_Voltage109	U16	0,1	V			R	IV curve sweep voltage 109			0
	1429		IVCurve_Current109	U16	0,01	A			R	IV curve scan current 109			0
	142A		IVCurve_Voltage110	U16	0,1	V			R	IV curve sweep voltage 110			0
	142B		IVCurve_Current110	U16	0,01	A			R	IV curve scan current 110			0
	142C		IVCurve_Voltage111	U16	0,1	V			R	IV curve sweep voltage 111			0
	142D		IVCurve_Current111	U16	0,01	A			R	IV curve scan current 111			0
	142E		IVCurve_Voltage112	U16	0,1	V			R	IV curve sweep voltage 112			0
	142F		IVCurve_Current112	U16	0,01	A			R	IV curve scan current 112			0
	1430		IVCurve_Voltage113	U16	0,1	V			R	IV curve sweep voltage 113			0
	1431		IVCurve_Current113	U16	0,01	A			R	IV curve scan current 113			0
	1432		IVCurve_Voltage114	U16	0,1	V			R	IV curve sweep voltage 114			0
	1433		IVCurve_Current114	U16	0,01	A			R	IV curve sweep current 114			0

	1434		IVCurve_Voltage115	U16	0,1	V			R	IV curve sweep voltage 115			0
	1435		IVCurve_Current115	U16	0,01	A			R	IV curve sweep current 115			0
	1436		IVCurve_Voltage116	U16	0,1	V			R	IV curve sweep voltage 116			0
	1437		IVCurve_Current116	U16	0,01	A			R	IV curve scan current 116			0
	1438		IVCurve_Voltage117	U16	0,1	V			R	IV curve sweep voltage 117			0
	1439		IVCurve_Current117	U16	0,01	A			R	IV curve scan current 117			0
	143A		IVCurve_Voltage118	U16	0,1	V			R	IV curve sweep voltage 118			0
	143B		IVCurve_Current118	U16	0,01	A			R	IV curve scan current 118			0
	143C		IVCurve_Voltage119	U16	0,1	V			R	IV curve sweep voltage 119			0
	143D		IVCurve_Current119	U16	0,01	A			R	IV curve scan current 119			0
	143E		IVCurve_Voltage120	U16	0,1	V			R	IV curve sweep voltage 120			0
	143F		IVCurve_Current120	U16	0,01	A			R	IV curve sweep current 120			0
	1440 1441 1442 1443		AddressMask_Config_ReadOnly_Result6	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	0000000F
	1444		IVCurve_Voltage121	U16	0,1	V			R	IV curve sweep voltage 121		0	0
	1445		IVCurve_Current121	U16	0,01	A			R	IV curve scan current 121			0
	1446		IVCurve_Voltage122	U16	0,1	V			R	IV curve scan voltage 122			0
	1447		IVCurve_Current122	U16	0,01	A			R	IV curve scan current 122			0
	1448		IVCurve_Voltage123	U16	0,1	V			R	IV curve scan voltage 123			0
	1449		IVCurve_Current123	U16	0,01	A			R	IV curve scan current 123			0
	144A		IVCurve_Voltage124	U16	0,1	V			R	IV curve scan voltage 124			0
	144B		IVCurve_Current124	U16	0,01	A			R	IV curve scan current 124			0
	144C		IVCurve_Voltage125	U16	0,1	V			R	IV curve sweep voltage 125			0
	144D		IVCurve_Current125	U16	0,01	A			R	IV curve sweep current 125			0
	144E		IVCurve_Voltage126	U16	0,1	V			R	IV curve sweep voltage 126			0
	144F		IVCurve_Current126	U16	0,01	A			R	IV curve scan current 126			0
	1450		IVCurve_Voltage127	U16	0,1	V			R	IV curve sweep voltage 127			0
	1451		IVCurve_Current127	U16	0,01	A			R	IV curve scan current 127			0
	1452		IVCurve_Voltage128	U16	0,1	V			R	IV curve scan voltage 128			0
	1453		IVCurve_Current128	U16	0,01	A			R	IV curve scan current 128			0
	1454		IVCurve_Voltage129	U16	0,1	V			R	IV curve sweep voltage 129			0
	1455		IVCurve_Current129	U16	0,01	A			R	IV curve scan current 129			0
	1456		IVCurve_Voltage130	U16	0,1	V			R	IV curve sweep voltage 130			0
	1457		IVCurve_Current130	U16	0,01	A			R	IV curve scan current 130			0
	1458		IVCurve_Voltage131	U16	0,1	V			R	IV curve sweep voltage 131			0
	1459		IVCurve_Current131	U16	0,01	A			R	IV curve scan current 131			0
	145A		IVCurve_Voltage132	U16	0,1	V			R	IV curve sweep voltage 132			0
	145B		IVCurve_Current132	U16	0,01	A			R	IV curve scan current 132			0
	145C		IVCurve_Voltage133	U16	0,1	V			R	IV curve sweep voltage 133			0
	145D		IVCurve_Current133	U16	0,01	A			R	IV curve scan current 133			0
	145E		IVCurve_Voltage134	U16	0,1	V			R	IV curve sweep voltage 134			0
	145F		IVCurve_Current134	U16	0,01	A			R	IV curve scan current 134			0
	1460		IVCurve_Voltage135	U16	0,1	V			R	IV curve sweep voltage 135			0
	1461		IVCurve_Current135	U16	0,01	A			R	IV curve scan current 135			0
	1462		IVCurve_Voltage136	U16	0,1	V			R	IV curve scan voltage 136			0
	1463		IVCurve_Current136	U16	0,01	A			R	IV curve scan current 136			0
	1464		IVCurve_Voltage137	U16	0,1	V			R	IV curve sweep voltage 137			0
	1465		IVCurve_Current137	U16	0,01	A			R	IV curve scan current 137			0
	1466		IVCurve_Voltage138	U16	0,1	V			R	IV curve sweep voltage 138			0
	1467		IVCurve_Current138	U16	0,01	A			R	IV curve scan current 138			0
	1468		IVCurve_Voltage139	U16	0,1	V			R	IV curve sweep voltage 139			0
	1469		IVCurve_Current139	U16	0,01	A			R	IV curve scan current 139			0
	146A		IVCurve_Voltage140	U16	0,1	V			R	IV curve sweep voltage 140			0
	146B		IVCurve_Current140	U16	0,01	A			R	IV curve sweep current 140			0
	146C		IVCurve_Voltage141	U16	0,1	V			R	IV curve sweep voltage 141			0
	146D		IVCurve_Current141	U16	0,01	A			R	IV curve scan current 141			0
	146E		IVCurve_Voltage142	U16	0,1	V			R	IV curve sweep voltage 142			0
	146F		IVCurve_Current142	U16	0,01	A			R	IV curve scan current 142			0
	1470		IVCurve_Voltage143	U16	0,1	V			R	IV curve scan voltage 143			0
	1471		IVCurve_Current143	U16	0,01	A			R	IV curve scan current 143			0
	1472		IVCurve_Voltage144	U16	0,1	V			R	IV curve scan voltage 144			0
	1473		IVCurve_Current144	U16	0,01	A			R	IV curve scan current 144			0
	1474		IVCurve_Voltage145	U16	0,1	V			R	IV curve sweep voltage 145			0
	1475		IVCurve_Current145	U16	0,01	A			R	IV curve scan current 145			0
	1476		IVCurve_Voltage146	U16	0,1	V			R	IV curve sweep voltage 146			0
	1477		IVCurve_Current146	U16	0,01	A			R	IV curve scan current 146			0
	1478		IVCurve_Voltage147	U16	0,1	V			R	IV curve sweep voltage 147			0

	1479		IVCurve_Current147	U16	0,01	A			R	IV curve scan current 147			0
	147A		IVCurve_Voltage148	U16	0,1	V			R	IV curve sweep voltage 148			0
	147B		IVCurve_Current148	U16	0,01	A			R	IV curve scan current 148			0
	147C		IVCurve_Voltage149	U16	0,1	V			R	IV curve sweep voltage 149			0
	147D		IVCurve_Current149	U16	0,01	A			R	IV curve scan current 149			0
	147E		IVCurve_Voltage150	U16	0,1	V			R	IV curve sweep voltage 150			0
	147F		IVCurve_Current150	U16	0,01	A			R	IV curve scan current 150			0
	1480		HistoryEventList_ID1	U16					R	The latest 1st item of historical event ID			
	1481		HistoryEventList_yM1	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1482		HistoryEventList_dH1	U16					R	High byte: date; Low byte: hour.			
	1483		HistoryEventList_ms1	U16					R	High byte: minutes; Low byte: seconds.			
	1484		HistoryEventList_ID2	U16					R	The 2nd most recent historical event ID			
	1485		HistoryEventList_yM2	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1486		HistoryEventList_dH2	U16					R	High byte: date; Low byte: hour. "			
	1487		HistoryEventList_ms2	U16					R	High byte: minutes; Low byte: seconds.			
	1488		HistoryEventList_ID3	U16					R	The 3rd most recent historical event ID			
	1489		HistoryEventList_yM3	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	148A		HistoryEventList_dH3	U16					R	High byte: date; Low byte: hour. "			
	148B		HistoryEventList_ms3	U16					R	High byte: minutes; Low byte: seconds.			
	148C		HistoryEventList_ID4	U16					R	The 4th most recent historical event ID			
	148D		HistoryEventList_yM4	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	148E		HistoryEventList_dH4	U16					R	High byte: date; Low byte: hour.			
	148F		HistoryEventList_ms4	U16					R	High byte: minutes; Low byte: seconds.			
	1490		HistoryEventList_ID5	U16					R	The 5th most recent historical event ID			
	1491		HistoryEventList_yM5	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1492		HistoryEventList_dH5	U16					R	High byte: date; Low byte: hour.			
	1493		HistoryEventList_ms5	U16					R	High byte: minutes; Low byte: seconds.			
	1494		HistoryEventList_ID6	U16					R	The 6th most recent historical event ID			
	1495		HistoryEventList_yM6	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1496		HistoryEventList_dH6	U16					R	High byte: date; Low byte: hour.			
	1497		HistoryEventList_ms6	U16					R	High byte: minutes; Low byte: seconds.			
	1498		HistoryEventList_ID7	U16					R	The 7th most recent historical event ID			
	1499		HistoryEventList_yM7	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	149A		HistoryEventList_dH7	U16					R	High byte: date; Low byte: hour.			
	149B		HistoryEventList_ms7	U16					R	High byte: minutes; Low byte: seconds.			
	149C		HistoryEventList_ID8	U16					R	The 8th most recent historical event ID			
	149D		HistoryEventList_yM8	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	149E		HistoryEventList_dH8	U16					R	High byte: date; Low byte: hour.			
	149F		HistoryEventList_ms8	U16					R	High byte: minutes; Low byte: seconds.			
	14A0		HistoryEventList_ID9	U16					R	The 9th most recent historical event ID			
	14A1		HistoryEventList_yM9	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14A2		HistoryEventList_dH9	U16					R	High byte: date; Low byte: hour.			

	14A3		HistoryEventList_ms9	U16					R	High byte: minutes; Low byte: seconds.			
	14A4		HistoryEventList_ID10	U16					R	The 10th most recent historical event ID			
	14A5		HistoryEventList_yM10	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14A6		HistoryEventList_dH10	U16					R	High byte: date; Low byte: hour.			
	14A7		HistoryEventList_ms10	U16					R	High byte: minutes; Low byte: seconds.			
	14A8		HistoryEventList_ID11	U16					R	The 11th most recent historical event ID			
	14A9		HistoryEventList_yM11	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14AA		HistoryEventList_dH11	U16					R	High byte: date; Low byte: hour.			
	14AB		HistoryEventList_ms11	U16					R	High byte: minutes; Low byte: seconds.			
	14AC		HistoryEventList_ID12	U16					R	The 12th most recent historical event ID			
	14AD		HistoryEventList_yM12	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14AE		HistoryEventList_dH12	U16					R	High byte: date; Low byte: hour.			
	14AF		HistoryEventList_ms12	U16					R	High byte: minutes; Low byte: seconds.			
	14B0		HistoryEventList_ID13	U16					R	The 13th most recent historical event ID			
	14B1		HistoryEventList_yM13	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14B2		HistoryEventList_dH13	U16					R	High byte: date; Low byte: hour.			
	14B3		HistoryEventList_ms13	U16					R	High byte: minutes; Low byte: seconds.			
	14B4		HistoryEventList_ID14	U16					R	The 14th most recent historical event ID			
	14B5		HistoryEventList_yM14	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14B6		HistoryEventList_dH14	U16					R	High byte: date; Low byte: hour.			
	14B7		HistoryEventList_ms14	U16					R	High byte: minutes; Low byte: seconds.			
	14B8		HistoryEventList_ID15	U16					R	The 15th most recent historical event ID			
	14B9		HistoryEventList_yM15	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14BA		HistoryEventList_dH15	U16					R	High byte: date; Low byte: hour.			
	14BB		HistoryEventList_ms15	U16					R	High byte: minutes; Low byte: seconds.			
	14BC		HistoryEventList_ID16	U16					R	The 16th most recent historical event ID			
	14BD		HistoryEventList_yM16	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14BE		HistoryEventList_dH16	U16					R	High byte: date; Low byte: hour.			
	14BF		HistoryEventList_ms16	U16					R	High byte: minutes; Low byte: seconds.			
	14C0		HistoryEventList_ID17	U16					R	The 17th most recent historical event ID			
	14C1		HistoryEventList_yM17	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14C2		HistoryEventList_dH17	U16					R	High byte: date; Low byte: hour.			
	14C3		HistoryEventList_ms17	U16					R	High byte: minutes; Low byte: seconds.			
	14C4		HistoryEventList_ID18	U16					R	The 18th most recent historical event ID			
	14C5		HistoryEventList_yM18	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14C6		HistoryEventList_dH18	U16					R	High byte: date; Low byte: hour.			
	14C7		HistoryEventList_ms18	U16					R	High byte: minutes; Low byte: seconds.			
	14C8		HistoryEventList_ID19	U16					R	The 19th most recent historical event ID			
	14C9		HistoryEventList_yM19	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			

	14CA		HistoryEventList_dH19	U16					R	High byte: date; Low byte: hour.			
	14CB		HistoryEventList_ms19	U16					R	High byte: minutes; Low byte: seconds.			
	14CC		HistoryEventList_ID20	U16					R	The 20th most recent historical event ID			
	14CD		HistoryEventList_yM20	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14CE		HistoryEventList_dH20	U16					R	High byte: date; Low byte: hour.			
	14CF		HistoryEventList_ms20	U16					R	High byte: minutes; Low byte: seconds.			
	14D0		HistoryEventList_ID21	U16					R	The 21th most recent historical event ID			
	14D1		HistoryEventList_yM21	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14D2		HistoryEventList_dH21	U16					R	High byte: date; Low byte: hour.			
	14D3		HistoryEventList_ms21	U16					R	High byte: minutes; Low byte: seconds.			
	14D4		HistoryEventList_ID22	U16					R	The 22th most recent historical event ID			
	14D5		HistoryEventList_yM22	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14D6		HistoryEventList_dH22	U16					R	High byte: date; Low byte: hour.			
	14D7		HistoryEventList_ms22	U16					R	High byte: minutes; Low byte: seconds.			
	14D8		HistoryEventList_ID23	U16					R	The 23th most recent historical event ID			
	14D9		HistoryEventList_yM23	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14DA		HistoryEventList_dH23	U16					R	High byte: date; Low byte: hour.			
	14DB		HistoryEventList_ms23	U16					R	High byte: minutes; Low byte: seconds.			
	14DC		HistoryEventList_ID24	U16					R	The 24th most recent historical event ID			
	14DD		HistoryEventList_yM24	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14DE		HistoryEventList_dH24	U16					R	High byte: date; Low byte: hour.			
	14DF		HistoryEventList_ms24	U16					R	High byte: minutes; Low byte: seconds.			
	14E0		HistoryEventList_ID25	U16					R	The 25th most recent historical event ID			
	14E1		HistoryEventList_yM25	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14E2		HistoryEventList_dH25	U16					R	High byte: date; Low byte: hour.			
	14E3		HistoryEventList_ms25	U16					R	High byte: minutes; Low byte: seconds.			
	14E4		HistoryEventList_ID26	U16					R	The 26th most recent historical event ID			
	14E5		HistoryEventList_yM26	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14E6		HistoryEventList_dH26	U16					R	High byte: date; Low byte: hour.			
	14E7		HistoryEventList_ms26	U16					R	High byte: minutes; Low byte: seconds.			
	14E8		HistoryEventList_ID27	U16					R	The 27th most recent historical event ID			
	14E9		HistoryEventList_yM27	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14EA		HistoryEventList_dH27	U16					R	High byte: date; Low byte: hour.			
	14EB		HistoryEventList_ms27	U16					R	High byte: minutes; Low byte: seconds.			
	14EC		HistoryEventList_ID28	U16					R	The 28th most recent historical event ID			
	14ED		HistoryEventList_yM28	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14EE		HistoryEventList_dH28	U16					R	High byte: date; Low byte: hour.			
	14EF		HistoryEventList_ms28	U16					R	High byte: minutes; Low byte: seconds.			
	14F0		HistoryEventList_ID29	U16					R	The 29th most recent historical event ID			

	14F1		HistoryEventList_yM29	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14F2		HistoryEventList_dH29	U16					R	High byte: date; Low byte: hour.			
	14F3		HistoryEventList_ms29	U16					R	High byte: minutes; Low byte: seconds.			
	14F4		HistoryEventList_ID30	U16					R	The 30th most recent historical event ID			
	14F5		HistoryEventList_yM30	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14F6		HistoryEventList_dH30	U16					R	High byte: date; Low byte: hour.			
	14F7		HistoryEventList_ms30	U16					R	High byte: minutes; Low byte: seconds.			
	14F8		HistoryEventList_ID31	U16					R	The 31th most recent historical event ID			
	14F9		HistoryEventList_yM31	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14FA		HistoryEventList_dH31	U16					R	High byte: date; Low byte: hour.			
	14FB		HistoryEventList_ms31	U16					R	High byte: minutes; Low byte: seconds.			
	14FC		HistoryEventList_ID32	U16					R	The 32th most recent historical event ID			
	14FD		HistoryEventList_yM32	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	14FE		HistoryEventList_dH32	U16					R	High byte: date; Low byte: hour.			
	14FF		HistoryEventList_ms32	U16					R	High byte: minutes; Low byte: seconds.			
	1500		HistoryEventList_ID33	U16					R	The 33th most recent historical event ID			
	1501		HistoryEventList_yM33	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1502		HistoryEventList_dH33	U16					R	High byte: date; Low byte: hour.			
	1503		HistoryEventList_ms33	U16					R	High byte: minutes; Low byte: seconds.			
	1504		HistoryEventList_ID34	U16					R	The 34th most recent historical event ID			
	1505		HistoryEventList_yM34	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1506		HistoryEventList_dH34	U16					R	High byte: date; Low byte: hour.			
	1507		HistoryEventList_ms34	U16					R	High byte: minutes; Low byte: seconds.			
	1508		HistoryEventList_ID35	U16					R	The 35th most recent historical event ID			
	1509		HistoryEventList_yM35	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	150A		HistoryEventList_dH35	U16					R	High byte: date; Low byte: hour.			
	150B		HistoryEventList_ms35	U16					R	High byte: minutes; Low byte: seconds.			
	150C		HistoryEventList_ID36	U16					R	The 36th most recent historical event ID			
	150D		HistoryEventList_yM36	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	150E		HistoryEventList_dH36	U16					R	High byte: date; Low byte: hour.			
	150F		HistoryEventList_ms36	U16					R	High byte: minutes; Low byte: seconds.			
	1510		HistoryEventList_ID37	U16					R	The 37th most recent historical event ID			
	1511		HistoryEventList_yM37	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1512		HistoryEventList_dH37	U16					R	High byte: date; Low byte: hour.			
	1513		HistoryEventList_ms37	U16					R	High byte: minutes; Low byte: seconds.			
	1514		HistoryEventList_ID38	U16					R	The 38th most recent historical event ID			
	1515		HistoryEventList_yM38	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1516		HistoryEventList_dH38	U16					R	High byte: date; Low byte: hour.			
	1517		HistoryEventList_ms38	U16					R	High byte: minutes; Low byte: seconds.			

	1518		HistoryEventList_ID39	U16					R	The 39th most recent historical event ID			
	1519		HistoryEventList_yM39	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	151A		HistoryEventList_dH39	U16					R	High byte: date; Low byte: hour.			
	151B		HistoryEventList_ms39	U16					R	High byte: minutes; Low byte: seconds.			
	151C		HistoryEventList_ID40	U16					R	The 40th most recent historical event ID			
	151D		HistoryEventList_yM40	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	151E		HistoryEventList_dH40	U16					R	High byte: date; Low byte: hour.			
	151F		HistoryEventList_ms40	U16					R	High byte: minutes; Low byte: seconds.			
	1520		HistoryEventList_ID41	U16					R	The 41th most recent historical event ID			
	1521		HistoryEventList_yM41	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1522		HistoryEventList_dH41	U16					R	High byte: date; Low byte: hour.			
	1523		HistoryEventList_ms41	U16					R	High byte: minutes; Low byte: seconds.			
	1524		HistoryEventList_ID42	U16					R	The 42th most recent historical event ID			
	1525		HistoryEventList_yM42	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1526		HistoryEventList_dH42	U16					R	High byte: date; Low byte: hour.			
	1527		HistoryEventList_ms42	U16					R	High byte: minutes; Low byte: seconds.			
	1528		HistoryEventList_ID43	U16					R	The 43th most recent historical event ID			
	1529		HistoryEventList_yM43	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	152A		HistoryEventList_dH43	U16					R	High byte: date; Low byte: hour.			
	152B		HistoryEventList_ms43	U16					R	High byte: minutes; Low byte: seconds.			
	152C		HistoryEventList_ID44	U16					R	The 44th most recent historical event ID			
	152D		HistoryEventList_yM44	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	152E		HistoryEventList_dH44	U16					R	High byte: date; Low byte: hour.			
	152F		HistoryEventList_ms44	U16					R	High byte: minutes; Low byte: seconds.			
	1530		HistoryEventList_ID45	U16					R	The 45th most recent historical event ID			
	1531		HistoryEventList_yM45	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1532		HistoryEventList_dH45	U16					R	High byte: date; Low byte: hour.			
	1533		HistoryEventList_ms45	U16					R	High byte: minutes; Low byte: seconds.			
	1534		HistoryEventList_ID46	U16					R	The 46th most recent historical event ID			
	1535		HistoryEventList_yM46	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1536		HistoryEventList_dH46	U16					R	High byte: date; Low byte: hour.			
	1537		HistoryEventList_ms46	U16					R	High byte: minutes; Low byte: seconds.			
	1538		HistoryEventList_ID47	U16					R	The 47th most recent historical event ID			
	1539		HistoryEventList_yM47	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	153A		HistoryEventList_dH47	U16					R	High byte: date; Low byte: hour.			
	153B		HistoryEventList_ms47	U16					R	High byte: minutes; Low byte: seconds.			
	153C		HistoryEventList_ID48	U16					R	The 48th most recent historical event ID			
	153D		HistoryEventList_yM48	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	153E		HistoryEventList_dH48	U16					R	High byte: date; Low byte: hour.			

	153F		HistoryEventList_ms48	U16					R	High byte: minutes; Low byte: seconds.			
	1540		HistoryEventList_ID49	U16					R	The 49th most recent historical event ID			
	1541		HistoryEventList_yM49	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1542		HistoryEventList_dH49	U16					R	High byte: date; Low byte: hour.			
	1543		HistoryEventList_ms49	U16					R	High byte: minutes; Low byte: seconds.			
	1544		HistoryEventList_ID50	U16					R	The 50th most recent historical event ID			
	1545		HistoryEventList_yM50	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1546		HistoryEventList_dH50	U16					R	High byte: date; Low byte: hour.			
	1547		HistoryEventList_ms50	U16					R	High byte: minutes; Low byte: seconds.			
	1548		HistoryEventList_ID51	U16					R	The 51th most recent historical event ID			
	1549		HistoryEventList_yM51	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	154A		HistoryEventList_dH51	U16					R	High byte: date; Low byte: hour.			
	154B		HistoryEventList_ms51	U16					R	High byte: minutes; Low byte: seconds.			
	154C		HistoryEventList_ID52	U16					R	The 52th most recent historical event ID			
	154D		HistoryEventList_yM52	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	154E		HistoryEventList_dH52	U16					R	High byte: date; Low byte: hour.			
	154F		HistoryEventList_ms52	U16					R	High byte: minutes; Low byte: seconds.			
	1550		HistoryEventList_ID53	U16					R	The 53th most recent historical event ID			
	1551		HistoryEventList_yM53	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1552		HistoryEventList_dH53	U16					R	High byte: date; Low byte: hour.			
	1553		HistoryEventList_ms53	U16					R	High byte: minutes; Low byte: seconds.			
	1554		HistoryEventList_ID54	U16					R	The 54th most recent historical event ID			
	1555		HistoryEventList_yM54	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1556		HistoryEventList_dH54	U16					R	High byte: date; Low byte: hour.			
	1557		HistoryEventList_ms54	U16					R	High byte: minutes; Low byte: seconds.			
	1558		HistoryEventList_ID55	U16					R	The 55th most recent historical event ID			
	1559		HistoryEventList_yM55	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	155A		HistoryEventList_dH55	U16					R	High byte: date; Low byte: hour.			
	155B		HistoryEventList_ms55	U16					R	High byte: minutes; Low byte: seconds.			
	155C		HistoryEventList_ID56	U16					R	The 56th most recent historical event ID			
	155D		HistoryEventList_yM56	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	155E		HistoryEventList_dH56	U16					R	High byte: date; Low byte: hour.			
	155F		HistoryEventList_ms56	U16					R	High byte: minutes; Low byte: seconds.			
	1560		HistoryEventList_ID57	U16					R	The 57th most recent historical event ID			
	1561		HistoryEventList_yM57	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1562		HistoryEventList_dH57	U16					R	High byte: date; Low byte: hour.			
	1563		HistoryEventList_ms57	U16					R	High byte: minutes; Low byte: seconds.			
	1564		HistoryEventList_ID58	U16					R	The 58th most recent historical event ID			
	1565		HistoryEventList_yM58	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			

	1566		HistoryEventList_dH58	U16					R	High byte: date; Low byte: hour.			
	1567		HistoryEventList_ms58	U16					R	High byte: minutes; Low byte: seconds.			
	1568		HistoryEventList_ID59	U16					R	The 59th most recent historical event ID			
	1569		HistoryEventList_yM59	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	156A		HistoryEventList_dH59	U16					R	High byte: date; Low byte: hour.			
	156B		HistoryEventList_ms59	U16					R	High byte: minutes; Low byte: seconds.			
	156C		HistoryEventList_ID60	U16					R	The 60th most recent historical event ID			
	156D		HistoryEventList_yM60	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	156E		HistoryEventList_dH60	U16					R	High byte: date; Low byte: hour.			
	156F		HistoryEventList_ms60	U16					R	High byte: minutes; Low byte: seconds.			
	1570		HistoryEventList_ID61	U16					R	The 61th most recent historical event ID			
	1571		HistoryEventList_yM61	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1572		HistoryEventList_dH61	U16					R	High byte: date; Low byte: hour.			
	1573		HistoryEventList_ms61	U16					R	High byte: minutes; Low byte: seconds.			
	1574		HistoryEventList_ID62	U16					R	The 62th most recent historical event ID			
	1575		HistoryEventList_yM62	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1576		HistoryEventList_dH62	U16					R	High byte: date; Low byte: hour.			
	1577		HistoryEventList_ms62	U16					R	High byte: minutes; Low byte: seconds.			
	1578		HistoryEventList_ID63	U16					R	The 63th most recent historical event ID			
	1579		HistoryEventList_yM63	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	157A		HistoryEventList_dH63	U16					R	High byte: date; Low byte: hour.			
	157B		HistoryEventList_ms63	U16					R	High byte: minutes; Low byte: seconds.			
	157C		HistoryEventList_ID64	U16					R	The 64th most recent historical event ID			
	157D		HistoryEventList_yM64	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	157E		HistoryEventList_dH64	U16					R	High byte: date; Low byte: hour.			
	157F		HistoryEventList_ms64	U16					R	High byte: minutes; Low byte: seconds.			
	1580		HistoryEventList_ID65	U16					R	The 65th most recent historical event ID			
	1581		HistoryEventList_yM65	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1582		HistoryEventList_dH65	U16					R	High byte: date; Low byte: hour.			
	1583		HistoryEventList_ms65	U16					R	High byte: minutes; Low byte: seconds.			
	1584		HistoryEventList_ID66	U16					R	The 66th most recent historical event ID			
	1585		HistoryEventList_yM66	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1586		HistoryEventList_dH66	U16					R	High byte: date; Low byte: hour.			
	1587		HistoryEventList_ms66	U16					R	High byte: minutes; Low byte: seconds.			
	1588		HistoryEventList_ID67	U16					R	The 67th most recent historical event ID			
	1589		HistoryEventList_yM67	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	158A		HistoryEventList_dH67	U16					R	High byte: date; Low byte: hour.			
	158B		HistoryEventList_ms67	U16					R	High byte: minutes; Low byte: seconds.			
	158C		HistoryEventList_ID68	U16					R	The 68th most recent historical event ID			

	158D		HistoryEventList_yM68	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	158E		HistoryEventList_dH68	U16					R	High byte: date; Low byte: hour.			
	158F		HistoryEventList_ms68	U16					R	High byte: minutes; Low byte: seconds.			
	1590		HistoryEventList_ID69	U16					R	The 69th most recent historical event ID			
	1591		HistoryEventList_yM69	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1592		HistoryEventList_dH69	U16					R	High byte: date; Low byte: hour.			
	1593		HistoryEventList_ms69	U16					R	High byte: minutes; Low byte: seconds.			
	1594		HistoryEventList_ID70	U16					R	The 70th most recent historical event ID			
	1595		HistoryEventList_yM70	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1596		HistoryEventList_dH70	U16					R	High byte: date; Low byte: hour.			
	1597		HistoryEventList_ms70	U16					R	High byte: minutes; Low byte: seconds.			
	1598		HistoryEventList_ID71	U16					R	The 71th most recent historical event ID			
	1599		HistoryEventList_yM71	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	159A		HistoryEventList_dH71	U16					R	High byte: date; Low byte: hour.			
	159B		HistoryEventList_ms71	U16					R	High byte: minutes; Low byte: seconds.			
	159C		HistoryEventList_ID72	U16					R	The 72th most recent historical event ID			
	159D		HistoryEventList_yM72	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	159E		HistoryEventList_dH72	U16					R	High byte: date; Low byte: hour.			
	159F		HistoryEventList_ms72	U16					R	High byte: minutes; Low byte: seconds.			
	15A0		HistoryEventList_ID73	U16					R	The 73th most recent historical event ID			
	15A1		HistoryEventList_yM73	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15A2		HistoryEventList_dH73	U16					R	High byte: date; Low byte: hour.			
	15A3		HistoryEventList_ms73	U16					R	High byte: minutes; Low byte: seconds.			
	15A4		HistoryEventList_ID74	U16					R	The 74th most recent historical event ID			
	15A5		HistoryEventList_yM74	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15A6		HistoryEventList_dH74	U16					R	High byte: date; Low byte: hour.			
	15A7		HistoryEventList_ms74	U16					R	High byte: minutes; Low byte: seconds.			
	15A8		HistoryEventList_ID75	U16					R	The 75th most recent historical event ID			
	15A9		HistoryEventList_yM75	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15AA		HistoryEventList_dH75	U16					R	High byte: date; Low byte: hour.			
	15AB		HistoryEventList_ms75	U16					R	High byte: minutes; Low byte: seconds.			
	15AC		HistoryEventList_ID76	U16					R	The 76th most recent historical event ID			
	15AD		HistoryEventList_yM76	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15AE		HistoryEventList_dH76	U16					R	High byte: date; Low byte: hour.			
	15AF		HistoryEventList_ms76	U16					R	High byte: minutes; Low byte: seconds.			
	15B0		HistoryEventList_ID77	U16					R	The 77th most recent historical event ID			
	15B1		HistoryEventList_yM77	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15B2		HistoryEventList_dH77	U16					R	High byte: date; Low byte: hour.			
	15B3		HistoryEventList_ms77	U16					R	High byte: minutes; Low byte: seconds.			

	15B4		HistoryEventList_ID78	U16					R	The 78th most recent historical event ID			
	15B5		HistoryEventList_yM78	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15B6		HistoryEventList_dH78	U16					R	High byte: date; Low byte: hour.			
	15B7		HistoryEventList_ms78	U16					R	High byte: minutes; Low byte: seconds.			
	15B8		HistoryEventList_ID79	U16					R	The 79th most recent historical event ID			
	15B9		HistoryEventList_yM79	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15BA		HistoryEventList_dH79	U16					R	High byte: date; Low byte: hour.			
	15BB		HistoryEventList_ms79	U16					R	High byte: minutes; Low byte: seconds.			
	15BC		HistoryEventList_ID80	U16					R	The 80th most recent historical event ID			
	15BD		HistoryEventList_yM80	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15BE		HistoryEventList_dH80	U16					R	High byte: date; Low byte: hour.			
	15BF		HistoryEventList_ms80	U16					R	High byte: minutes; Low byte: seconds.			
	15C0		HistoryEventList_ID81	U16					R	The 81th most recent historical event ID			
	15C1		HistoryEventList_yM81	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15C2		HistoryEventList_dH81	U16					R	High byte: date; Low byte: hour.			
	15C3		HistoryEventList_ms81	U16					R	High byte: minutes; Low byte: seconds.			
	15C4		HistoryEventList_ID82	U16					R	The 82th most recent historical event ID			
	15C5		HistoryEventList_yM82	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15C6		HistoryEventList_dH82	U16					R	High byte: date; Low byte: hour.			
	15C7		HistoryEventList_ms82	U16					R	High byte: minutes; Low byte: seconds.			
	15C8		HistoryEventList_ID83	U16					R	The 83th most recent historical event ID			
	15C9		HistoryEventList_yM83	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15CA		HistoryEventList_dH83	U16					R	High byte: date; Low byte: hour.			
	15CB		HistoryEventList_ms83	U16					R	High byte: minutes; Low byte: seconds.			
	15CC		HistoryEventList_ID84	U16					R	The 84th most recent historical event ID			
	15CD		HistoryEventList_yM84	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15CE		HistoryEventList_dH84	U16					R	High byte: date; Low byte: hour.			
	15CF		HistoryEventList_ms84	U16					R	High byte: minutes; Low byte: seconds.			
	15D0		HistoryEventList_ID85	U16					R	The 85th most recent historical event ID			
	15D1		HistoryEventList_yM85	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15D2		HistoryEventList_dH85	U16					R	High byte: date; Low byte: hour.			
	15D3		HistoryEventList_ms85	U16					R	High byte: minutes; Low byte: seconds.			
	15D4		HistoryEventList_ID86	U16					R	The 86th most recent historical event ID			
	15D5		HistoryEventList_yM86	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15D6		HistoryEventList_dH86	U16					R	High byte: date; Low byte: hour.			
	15D7		HistoryEventList_ms86	U16					R	High byte: minutes; Low byte: seconds.			
	15D8		HistoryEventList_ID87	U16					R	The 87th most recent historical event ID			
	15D9		HistoryEventList_yM87	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15DA		HistoryEventList_dH87	U16					R	High byte: date; Low byte: hour.			

	15DB		HistoryEventList_ms87	U16					R	High byte: minutes; Low byte: seconds.			
	15DC		HistoryEventList_ID88	U16					R	The 88th most recent historical event ID			
	15DD		HistoryEventList_yM88	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15DE		HistoryEventList_dH88	U16					R	High byte: date; Low byte: hour.			
	15DF		HistoryEventList_ms88	U16					R	High byte: minutes; Low byte: seconds.			
	15E0		HistoryEventList_ID89	U16					R	The 89th most recent historical event ID			
	15E1		HistoryEventList_yM89	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15E2		HistoryEventList_dH89	U16					R	High byte: date; Low byte: hour.			
	15E3		HistoryEventList_ms89	U16					R	High byte: minutes; Low byte: seconds.			
	15E4		HistoryEventList_ID90	U16					R	The 90th most recent historical event ID			
	15E5		HistoryEventList_yM90	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15E6		HistoryEventList_dH90	U16					R	High byte: date; Low byte: hour.			
	15E7		HistoryEventList_ms90	U16					R	High byte: minutes; Low byte: seconds.			
	15E8		HistoryEventList_ID91	U16					R	The 91th most recent historical event ID			
	15E9		HistoryEventList_yM91	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15EA		HistoryEventList_dH91	U16					R	High byte: date; Low byte: hour.			
	15EB		HistoryEventList_ms91	U16					R	High byte: minutes; Low byte: seconds.			
	15EC		HistoryEventList_ID92	U16					R	The 92th most recent historical event ID			
	15ED		HistoryEventList_yM92	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15EE		HistoryEventList_dH92	U16					R	High byte: date; Low byte: hour.			
	15EF		HistoryEventList_ms92	U16					R	High byte: minutes; Low byte: seconds.			
	15F0		HistoryEventList_ID93	U16					R	The 93th most recent historical event ID			
	15F1		HistoryEventList_yM93	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15F2		HistoryEventList_dH93	U16					R	High byte: date; Low byte: hour.			
	15F3		HistoryEventList_ms93	U16					R	High byte: minutes; Low byte: seconds.			
	15F4		HistoryEventList_ID94	U16					R	The 94th most recent historical event ID			
	15F5		HistoryEventList_yM94	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15F6		HistoryEventList_dH94	U16					R	High byte: date; Low byte: hour.			
	15F7		HistoryEventList_ms94	U16					R	High byte: minutes; Low byte: seconds.			
	15F8		HistoryEventList_ID95	U16					R	The 95th most recent historical event ID			
	15F9		HistoryEventList_yM95	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15FA		HistoryEventList_dH95	U16					R	High byte: date; Low byte: hour.			
	15FB		HistoryEventList_ms95	U16					R	High byte: minutes; Low byte: seconds.			
	15FC		HistoryEventList_ID96	U16					R	The 96th most recent historical event ID			
	15FD		HistoryEventList_yM96	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	15FE		HistoryEventList_dH96	U16					R	High byte: date; Low byte: hour.			
	15FF		HistoryEventList_ms96	U16					R	High byte: minutes; Low byte: seconds.			
	1600		HistoryEventList_ID97	U16					R	The 97th most recent historical event ID			
	1601		HistoryEventList_yM97	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			

	1602		HistoryEventList_dH97	U16					R	High byte: date; Low byte: hour.			
	1603		HistoryEventList_ms97	U16					R	High byte: minutes; Low byte: seconds.			
	1604		HistoryEventList_ID98	U16					R	The 98th most recent historical event ID			
	1605		HistoryEventList_yM98	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	1606		HistoryEventList_dH98	U16					R	High byte: date; Low byte: hour.			
	1607		HistoryEventList_ms98	U16					R	High byte: minutes; Low byte: seconds.			
	1608		HistoryEventList_ID99	U16					R	The 99th most recent historical event ID			
	1609		HistoryEventList_yM99	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	160A		HistoryEventList_dH99	U16					R	High byte: date; Low byte: hour.			
	160B		HistoryEventList_ms99	U16					R	High byte: minutes; Low byte: seconds.			
	160C		HistoryEventList_ID100	U16					R	The 100th most recent historical event ID			
	160D		HistoryEventList_yM100	U16					R	High byte: the lower two digits of the year's decimal number; Low byte: month.			
	160E		HistoryEventList_dH100	U16					R	High byte: date; Low byte: hour.			
	160F		HistoryEventList_ms100	U16					R	High byte: minutes; Low byte: seconds.			
	1610		EnergyStatistics1	U32	0,01	kWh			R	Article 1 of historical electrical energy statistics.			
	1611									The corresponding date and time refer to the setting register of			
	1612		EnergyStatistics2	U32	0,01	kWh			R	Article 2 of historical electrical energy statistics.			
	1613									The corresponding date and time refer to the setting register of			
	1614		EnergyStatistics3	U32	0,01	kWh			R	Article 3 of historical electrical energy statistics.			
	1615									The corresponding date and time refer to the setting register of			
	1616		EnergyStatistics4	U32	0,01	kWh			R	Article 4 of historical electrical energy statistics.			
	1617									The corresponding date and time refer to the setting register of			
	1618		EnergyStatistics5	U32	0,01	kWh			R	Article 5 of historical electrical energy statistics.			
	1619									The corresponding date and time refer to the setting register of			
	161A		EnergyStatistics6	U32	0,01	kWh			R	Article 6 of historical electrical energy statistics.			
	161B									The corresponding date and time refer to the setting register of			
	161C		EnergyStatistics7	U32	0,01	kWh			R	Article 7 of historical electrical energy statistics.			
	161D									The corresponding date and time refer to the setting register of			
	161E		EnergyStatistics8	U32	0,01	kWh			R	Article 8 of historical electrical energy statistics.			
	161F									The corresponding date and time refer to the setting register of			
	1620		EnergyStatistics9	U32	0,01	kWh			R	Article 9 of historical electrical energy statistics.			
	1621									The corresponding date and time refer to the setting register of			
	1622		EnergyStatistics10	U32	0,01	kWh			R	Article 10 of historical electrical energy statistics.			
	1623									The corresponding date and time refer to the setting register of			
	1624		EnergyStatistics11	U32	0,01	kWh			R	Article 11 of historical electrical energy statistics.			
	1625									The corresponding date and time refer to the setting register of			
	1626		EnergyStatistics12	U32	0,01	kWh			R	Article 12 of historical electrical energy statistics.			
	1627									The corresponding date and time refer to the setting register of			
	1628		EnergyStatistics13	U32	0,01	kWh			R	Article 13 of historical electrical energy statistics.			
	1629									The corresponding date and time refer to the setting register of			
	162A		EnergyStatistics14	U32	0,01	kWh			R	Article 14 of historical electrical energy statistics.			
	162B									The corresponding date and time refer to the setting register of			
	162C		EnergyStatistics15	U32	0,01	kWh			R	Article 15 of historical electrical energy statistics.			
	162D									The corresponding date and time refer to the setting register of			
	162E		EnergyStatistics16	U32	0,01	kWh			R	Article 16 of historical electrical energy statistics.			
	162F									The corresponding date and time refer to the setting register of			
	1630		EnergyStatistics17	U32	0,01	kWh			R	Article 17 of historical electrical energy statistics.			
	1631									The corresponding date and time refer to the setting register of			
	1632		EnergyStatistics18	U32	0,01	kWh			R	Article 18 of historical electrical energy statistics.			
	1633									The corresponding date and time refer to the setting register of			
	1634		EnergyStatistics19	U32	0,01	kWh			R	Article 19 of historical electrical energy statistics.			
	1635									The corresponding date and time refer to the setting register of			
	1636		EnergyStatistics20	U32	0,01	kWh			R	Article 20 of historical electrical energy statistics.			
	1637									The corresponding date and time refer to the setting register of			
	1638		EnergyStatistics21	U32	0,01	kWh			R	Article 21 of historical electrical energy statistics.			
	1639									The corresponding date and time refer to the setting register of			
	163A		EnergyStatistics22	U32	0,01	kWh			R	Article 22 of historical electrical energy statistics.			
	163B									The corresponding date and time refer to the setting register of			
	163C		EnergyStatistics23	U32	0,01	kWh			R	Article 23 of historical electrical energy statistics.			
	163D									The corresponding date and time refer to the setting register of			
	163E		EnergyStatistics24	U32	0,01	kWh			R	Article 24 of historical electrical energy statistics.			
	163F									The corresponding date and time refer to the setting register of			

	1640		EnergyStatistics25	U32	0,01	kWh			R	Article 25 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1641												
	1642		EnergyStatistics26	U32	0,01	kWh			R	Article 26 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1643												
	1644		EnergyStatistics27	U32	0,01	kWh			R	Article 27 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1645												
	1646		EnergyStatistics28	U32	0,01	kWh			R	Article 28 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1647												
	1648		EnergyStatistics29	U32	0,01	kWh			R	Article 29 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1649												
	164A		EnergyStatistics30	U32	0,01	kWh			R	Article 30 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	164B												
	164C		EnergyStatistics31	U32	0,01	kWh			R	Article 31 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	164D												
	164E		EnergyStatistics32	U32	0,01	kWh			R	Article 32 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	164F												
	1650		EnergyStatistics33	U32	0,01	kWh			R	Article 33 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1651												
	1652		EnergyStatistics34	U32	0,01	kWh			R	Article 34 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1653												
	1654		EnergyStatistics35	U32	0,01	kWh			R	Article 35 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1655												
	1656		EnergyStatistics36	U32	0,01	kWh			R	Article 36 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1657												
	1658		EnergyStatistics37	U32	0,01	kWh			R	Article 37 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	1659												
	165A		EnergyStatistics38	U32	0,01	kWh			R	Article 38 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	165B												
	165C		EnergyStatistics39	U32	0,01	kWh			R	Article 39 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	165D												
	165E		EnergyStatistics40	U32	0,01	kWh			R	Article 40 of historical electrical energy statistics. The corresponding date and time refer to the setting register of			
	165F												
	2000		AddressMask_Config_Core1	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field is plus 1.		00000000	00000012
	2001												
	2002												
	2003												
	2004		Country_Code	U16					RW	Safety country, used for storage		1	0
	2005		Safety_Version	U16					RW	The version number of the safety parameters of the communication host (upper computer).		1	0

	2006		Factory_Reset	U16			1	255	RW	Restore factory registers; The bit value is 1 valid. Bit0: Clear battery Bit1: Clear event record Bit2: Restore default values for all function configuration parameters When reading, return the status of the last write operation: 0x0000: success 0x0001-0x00FF: operating 0xFFFB: The operation failed and the controller refused to respond (maybe the controller is busy or the configuration is wrong) 0xFFFC: The operation failed and the controller did not respond 0xFFFD: Operation failed, current function is forbidden 0xFFFE: Operation failed, parameter access failed 0xFFFF: The operation failed, the input parameter is wrong		1	0
	2007		Safety_Name1	ASCII					RW	The first and second place in the name of the safety-regulated country. The upper 8 bits of the register store the first digit of the safety name; The lower 8 bits of the register store the second bit of the safety name.			0
	2008		Safety_Name2	ASCII					RW	The third and fourth place in the name of the safety-regulated country. The upper 8 bits of the register store the third digit of the safety name; The lower 8 bits of the register store the 4th bit of the safety name.			0
	2009		Safety_Name3	ASCII					RW	The 5th and 6th place in the name of the safety-regulated country. The upper 8 bits of the register store the 5th digit of the safety name; The lower 8 bits of the register store the 6th bit of the safety name.			0
	200A		Safety_Name4	ASCII					RW	The 7th and 8th place in the name of the safety-regulated country. The upper 8 bits of the register store the 7th bit of the safety name; The lower 8 bits of the register store the 8th bit of the safety name.			0
	200B		Safety_Name5	ASCII					RW	The ninth and tenth place in the name of safety regulations. The upper 8 bits of the register store the 9th bit of the safety name; The lower 8 bits of the register store the 10th bit of the safety name.			0
	200C												0
	200D												0
	200E												0
	200F												0
	2010												0
	2011												0
	2012												0
	2013												0
	2014												0
	2015												0
	2016												0
	2017												0
	2018												0
	2019												0
	201A												0
	201B												0
	201C												0
	201D												0
	201E												0
	201F												0
	2020												0
	2021												0
	2022												0
	2023												0
	2024												0
	2025												0

	2026												0
	2027												0
	2028												0
	2029												0
	202A												0
	202B												0
	202C												0
	202D												0
	202E												0
	202F												0
	2030												0
	2031												0
	2032												0
	2033												0
	2034												0
	2035												0
	2036												0
	2037												0
	2038												0
	2039												0
	203A												0
	203B												0
	203C												0
	203D		Remote_Upgrade_Control	U16					W	Remote upgrade control register. High byte. Writing 0xA5 is valid. The low byte contains the chip combination that needs to be upgraded, and the explanation of each bit is as follows: Bit0: communication board; Bit1: control board 1 (main DSP); Bit2: control board 2 (secondary DSP); Bit3: Fuse		1	0
	203E		Local_Upgrade_Control	U16					W	High byte. Writing 0xA5 is valid. The low byte contains the chip combination that needs to be upgraded, and the explanation of each bit is as follows: Bit0: communication board; Bit1: control board 1 (main DSP); Bit2: control board 2 (secondary DSP); Bit3: Fuse		1	0
	203F		Local_Upgrade_Status	U16					R	Current upgrade progress The high byte indicates the current target chip to be upgraded: 0x00: Not in the upgrade state; 0x01: Main DSP upgrade; 0x02: Secondary DSP upgrade; 0x03: ARM upgrade; 0x04: FUSE upgrade; The low byte indicates the current upgrade progress: The progress range is 0-100%		1	0
BMS（0x9000-0x9FFF）													
	9000		AddressMask_BMS1_System	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.		00000000	00000023
	9001												
	9002												
	9003												
	9004		BMS_Sys_Time	U32					R	BMS system clock Bit0-5: second, range 0-59		1	0
	9005											1	0
	9006		BMS_CAN_Version	U16					R	CAN protocol version number		1	0
	9007		BMS_Manufacture_Name0	U16					R	Manufacturer Information 0		1	0
	9008		BMS_Manufacture_Name1	U16					R	Manufacturer Information 1		1	0

	9009		BMS_Manufacture_Name2	U16					R	Manufacturer Information 2		1	0
	900A		BMS_Manufacture_Name3	U16					R	Manufacturer Information 3		1	0
	900B		BMS_Version	U16					R	BMS version number		1	0
	900C		Cell_Type	U16					R	Cell type		1	0
	900D		BaPack_Number	U16					R	High 8 bits: the number of battery packs in parallel Lower 8 bits: the number of battery strings in the battery pack		1	0
	900E		Realtime_Capacity	U16	1	%			R	Real-time remaining capacity		1	0
	900F		Total_Voltage	U16	0,1	V			R	Total voltage		1	0
	9010		Total_Current	U16	0,1	A			R	Total current		1	0
	9011		Cell_Average_Temperature	U16	0,1	°C			R	Average cell temperature		1	0
	9012		SOC	U16	1	%			R	State of charge		1	0
	9013		SOH	U16	1	%			R	Health		1	0
	9014		BMS_Sys_Protect0	U16					R	BMS system protection information0		1	0
	9015		BMS_Sys_Protect1	U16					R	BMS system protection information 1		1	0
	9016		BMS_Sys_Alarm0	U16					R	BMS system alarm information 0		1	0
	9017		BMS_Sys_Alarm1	U16					R	BMS system alarm information 1		1	0
	9018												0
	9019												0
	901A												0
	901B												0
	901C												0
	901D												0
	901E												0
	901F												0
	9020		BMS_Inquire	U16					RW	Battery query control word Bit0-7: The serial number of the battery pack to be queried, the valid range is 0~15, and 0 means the first battery pack Bit8-11: The serial number of the battery pack to be queried, the valid range is 0~15, and 0 means the first battery pack Bit12-15: The serial number of the fault to be queried, the valid range is 0~5, and 0 means the most recent fault		1	0
	9021												0
	9022												0
	9023												0
	9024												0
	9025												0
	9026												0
	9027												0
	9028												0
	9029												0
	902A												0
	902B												0
	902C												0
	902D												0
	902E												0
	902F												0
	9030												0
	9031												0
	9032												0
	9033												0
	9034												0
	9035												0
	9036												0
	9037												0
	9038												0
	9039												0
	903A												0
	903B												0
	903C												0
	903D												0
	903E												0
	903F												0
	9040		AddressMask_BMS2_Realtime	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.		00000000	0000002B
	9041												
	9042												
	9043												

	9044		Pack_RT_ID	U16					R	Real-time data battery pack number. High 8 bits: battery pack serial number Lower 8 bits: battery pack serial number"		1	0
	9045		Pack_RT_Timestamp	U32					R	Real-time data timestamp		1	0
	9046											1	0
	9047		Pack_RT_SN0	U16					R	Device serial number 0		1	0
	9048		Pack_RT_SN1	U16					R	Device serial number 1		1	0
	9049		Pack_RT_SN2	U16					R	Device serial number 2		1	0
	904A		Pack_RT_SN3	U16					R	Device serial number 3		1	0
	904B		Pack_RT_SN4	U16					R	Device serial number 4		1	0
	904C		Pack_RT_SN5	U16					R	Device serial number 5		1	0
	904D		Pack_RT_SN6	U16					R	Device serial number 6		1	0
	904E		Pack_RT_SN7	U16					R	Device serial number 7		1	0
	904F		Pack_RT_SN8	U16					R	Device serial number 8		1	0
	9050		Pack_RT_SN9	U16					R	Device serial number 9		1	0
	9051		Pack_RT_Cell_Voltage1	U16	0,001	V			R	Cell 1 voltage		1	0
	9052		Pack_RT_Cell_Voltage2	U16	0,001	V			R	Cell 2 voltage		1	0
	9053		Pack_RT_Cell_Voltage3	U16	0,001	V			R	Cell 3 voltage		1	0
	9054		Pack_RT_Cell_Voltage4	U16	0,001	V			R	Cell 4 voltage		1	0
	9055		Pack_RT_Cell_Voltage5	U16	0,001	V			R	Cell 5 voltage		1	0
	9056		Pack_RT_Cell_Voltage6	U16	0,001	V			R	Cell 6 voltage		1	0
	9057		Pack_RT_Cell_Voltage7	U16	0,001	V			R	Cell 7 voltage		1	0
	9058		Pack_RT_Cell_Voltage8	U16	0,001	V			R	Cell 8 voltage		1	0
	9059		Pack_RT_Cell_Voltage9	U16	0,001	V			R	Cell 9 voltage		1	0
	905A		Pack_RT_Cell_Voltage10	U16	0,001	V			R	Cell 10 voltage		1	0
	905B		Pack_RT_Cell_Voltage11	U16	0,001	V			R	Cell 11 voltage		1	0
	905C		Pack_RT_Cell_Voltage12	U16	0,001	V			R	Cell 12 voltage		1	0
	905D		Pack_RT_Cell_Voltage13	U16	0,001	V			R	Cell 13 voltage		1	0
	905E		Pack_RT_Cell_Voltage14	U16	0,001	V			R	Cell 14 voltage		1	0
	905F		Pack_RT_Cell_Voltage15	U16	0,001	V			R	Cell 15 voltage		1	0
	9060		Pack_RT_Cell_Voltage16	U16	0,001	V			R	Cell 16 voltage		1	0
	9061		Pack_RT_Cell_Voltage17	U16	0,001	V			R	Cell 17 voltage		1	0
	9062		Pack_RT_Cell_Voltage18	U16	0,001	V			R	Cell 18 voltage		1	0
	9063		Pack_RT_Cell_Voltage19	U16	0,001	V			R	Cell 19 voltage		1	0
	9064		Pack_RT_Cell_Voltage20	U16	0,001	V			R	Cell 20 voltage		1	0
	9065		Pack_RT_Cell_Voltage21	U16	0,001	V			R	Cell 21 voltage		1	0
	9066		Pack_RT_Cell_Voltage22	U16	0,001	V			R	Battery 22 voltage		1	0
	9067		Pack_RT_Cell_Voltage23	U16	0,001	V			R	Battery 23 voltage		1	0
	9068		Pack_RT_Cell_Voltage24	U16	0,001	V			R	Cell 24 voltage		1	0
	9069		Pack_RT_Cell_Max_Voltage	U16	0,001	V			R	The highest voltage of the battery		1	0
	906A		Pack_RT_Cell_Min_Voltage	U16	0,001	V			R	Minimum battery voltage		1	0
	906B		Pack_RT_Temperature1_Pack	I16	0,1	°C			R	Battery pack temperature 1		1	0
	906C		Pack_RT_Temperature2_Pack	I16	0,1	°C			R	Battery pack temperature 2		1	0
	906D		Pack_RT_Temperature3_Pack	I16	0,1	°C			R	Battery pack temperature 3		1	0
	906E		Pack_RT_Temperature4_Pack	I16	0,1	°C			R	Battery pack temperature 4		1	0
	906F		Pack_RT_Temperature_MOS	I16	0,1	°C			R	MOS tube temperature		1	0
	9070		Pack_RT_Temperature_Env	I16	0,1	°C			R	Ambient temperature in the battery pack		1	0
	9071		Pack_RT_Current	I16	0,1	A			R	Battery pack current		1	0
	9072		Pack_RT_Remaining_Capacity	U16	0,1	Ah			R	The remaining capacity		1	0
	9073		Pack_RT_FullCharge_Capacity	U16	0,1	Ah			R	Full charge capacity		1	0
	9074		Pack_RT_Cycles	U16	1	times			R	Cycles		1	0
	9075		Pack_RT_Balance_State	U16					R	Equilibrium		1	0
	9076		Pack_RT_Alarm_State	U16					R	Alarm status		1	0
	9077		Pack_RT_Protect_State	U16					R	Protection status		1	0
	9078		Pack_RT_Fault_State	U16					R	Fault state		1	0
	9079		Pack_RT_Total_Voltage	U16	0,01	V			R	Total Voltage			
	907A		Pack_RT_SOC	U16	1	%			R	SOC			
	907B												0
	907C												0
	907D												0
	907E												0
	907F												0
	9080		AddressMask_BMS3_Fault	U64					R	Each bit of this field corresponds to the validity of 64 addresses above the address of this field (including the address of this field). Bit4 represents the address where the highest bit address of this field plus 1 is located.		00000000	0000002B
	9081												
	9082												
	9083												

	9084		Pack_Fault_ID	U16					R	Real-time faulty battery pack number. Bit0-7: The serial number of the battery pack to be queried, the valid range is 0~15, and 0 means the first battery pack Bit8-11: The serial number of the battery pack to be queried, the valid range is 0~15, and 0 means the first battery pack Bit12-15: The serial number of the queried fault, the valid range is 0~5, 0 means the most recent fault		1	0
	9085		Pack_Fault_Timestamp	U32					R	Fault data timestamp		1	0
	9086											1	0
	9087		Pack_Fault_SN0	U16					R	Device serial number 0		1	0
	9088		Pack_Fault_SN1	U16					R	Device serial number 1		1	0
	9089		Pack_Fault_SN2	U16					R	Device serial number 2		1	0
	908A		Pack_Fault_SN3	U16					R	Device serial number 3		1	0
	908B		Pack_Fault_SN4	U16					R	Device serial number 4		1	0
	908C		Pack_Fault_SN5	U16					R	Device serial number 5		1	0
	908D		Pack_Fault_SN6	U16					R	Device serial number 6		1	0
	908E		Pack_Fault_SN7	U16					R	Device serial number 7		1	0
	908F		Pack_Fault_SN8	U16					R	Device serial number 8		1	0
	9090		Pack_Fault_SN9	U16					R	Device serial number 9		1	0
	9091		Pack_Fault_Cell_Voltage1	U16	0,001	V			R	Cell 1 voltage		1	0
	9092		Pack_Fault_Cell_Voltage2	U16	0,001	V			R	Cell 2 voltage		1	0
	9093		Pack_Fault_Cell_Voltage3	U16	0,001	V			R	Cell 3 voltage		1	0
	9094		Pack_Fault_Cell_Voltage4	U16	0,001	V			R	Cell 4 voltage		1	0
	9095		Pack_Fault_Cell_Voltage5	U16	0,001	V			R	Cell 5 voltage		1	0
	9096		Pack_Fault_Cell_Voltage6	U16	0,001	V			R	Cell 6 voltage		1	0
	9097		Pack_Fault_Cell_Voltage7	U16	0,001	V			R	Cell 7 voltage		1	0
	9098		Pack_Fault_Cell_Voltage8	U16	0,001	V			R	Cell 8 voltage		1	0
	9099		Pack_Fault_Cell_Voltage9	U16	0,001	V			R	Cell 9 voltage		1	0
	909A		Pack_Fault_Cell_Voltage10	U16	0,001	V			R	Cell 10 voltage		1	0
	909B		Pack_Fault_Cell_Voltage11	U16	0,001	V			R	Cell 11 voltage		1	0
	909C		Pack_Fault_Cell_Voltage12	U16	0,001	V			R	Cell 12 voltage		1	0
	909D		Pack_Fault_Cell_Voltage13	U16	0,001	V			R	Cell 13 voltage		1	0
	909E		Pack_Fault_Cell_Voltage14	U16	0,001	V			R	Cell 14 voltage		1	0
	909F		Pack_Fault_Cell_Voltage15	U16	0,001	V			R	Cell 15 voltage		1	0
	90A0		Pack_Fault_Cell_Voltage16	U16	0,001	V			R	Cell 16 voltage		1	0
	90A1		Pack_Fault_Cell_Voltage17	U16	0,001	V			R	Cell 17 voltage		1	0
	90A2		Pack_Fault_Cell_Voltage18	U16	0,001	V			R	Cell 18 voltage		1	0
	90A3		Pack_Fault_Cell_Voltage19	U16	0,001	V			R	Cell 19 voltage		1	0
	90A4		Pack_Fault_Cell_Voltage20	U16	0,001	V			R	Cell 20 voltage		1	0
	90A5		Pack_Fault_Cell_Voltage21	U16	0,001	V			R	Cell 21 voltage		1	0
	90A6		Pack_Fault_Cell_Voltage22	U16	0,001	V			R	Battery 22 voltage		1	0
	90A7		Pack_Fault_Cell_Voltage23	U16	0,001	V			R	Battery 23 voltage		1	0
	90A8		Pack_Fault_Cell_Voltage24	U16	0,001	V			R	Cell 24 voltage		1	0
	90A9		Pack_Fault_Cell_Max_Voltage	U16	0,001	V			R	The highest voltage of the battery		1	0
	90AA		Pack_Fault_Cell_Min_Voltage	U16	0,001	V			R	Minimum battery voltage		1	0
	90AB		Pack_Fault_Temperature1_Pack	I16	0,1	°C			R	Battery pack temperature 1		1	0
	90AC		Pack_Fault_Temperature2_Pack	I16	0,1	°C			R	Battery pack temperature 2		1	0
	90AD		Pack_Fault_Temperature3_Pack	I16	0,1	°C			R	Battery pack temperature 3		1	0
	90AE		Pack_Fault_Temperature4_Pack	I16	0,1	°C			R	Battery pack temperature 4		1	0
	90AF		Pack_Fault_Temperature_MOS	I16	0,1	°C			R	MOS tube temperature		1	0
	90B0		Pack_Fault_Temperature_Env	I16	0,1	°C			R	Ambient temperature in the battery pack		1	0
	90B1		Pack_Fault_Current	I16	0,1	A			R	Battery pack current		1	0
	90B2		Pack_Fault_Remaining_Capacity	U16	0,1	Ah			R	The remaining capacity		1	0
	90B3		Pack_Fault_FullCharge_Capacity	U16	0,1	Ah			R	Full charge capacity		1	0
	90B4		Pack_Fault_Total_Voltage	U16	0,01	V			R	Total voltage		1	0
	90B5		Pack_Alarm_State	U16					R	Alarm status		1	0
	90B6		Pack_Protect_State	U16					R	Protection status		1	0
	90B7		Pack_Fault_State	U16					R	Fault state		1	0
	90B8												0
	90B9												0
	90BA												0
	90BB												0
	90BC												0
	90BD												0
	90BE												0
	90BF												0