

## **Upgrade SUN2000 devices on FusionSolar7**



## Huawei Technologies Co. Ltd.

Version	Created by	Date	Remarks
01	Huawei q84182855	06.04.2021	Upgrade
02	Huawei b84240340	30.03.2023	Upgrade

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This document describes how to perform device upgrade. The current login user installer has the permission to perform device upgrade. The target upgrade version has been added to the version management list.

## Context

- Upgrading of Smartlogger, inverter, optimizer, and battery can be achieved.
- The device upgrade cannot be performed simultaneously with the supplementary data acquisition and log export.
- One upgrading task can contain multiple devices of the same type.
- The device upgrade includes Upgrade now and Upgrade after user authorization.
  - Upgrade now: You do not need to confirm whether to upgrade the device. After a device upgrade task is added successfully, the task is executed immediately.
  - Upgrade after user authorization: After upgrade tasks are added successfully, the system pushes all upgrade messages to all residential plant users. After a residential plant user logs in to the system through the app, the user can confirm the upgrade messages one by one. Once a residential plant user confirms an upgrade message, the corresponding device can be upgraded. If the user does not confirm the device upgrade message within 48 hours after the upgrade task is added, the upgrade result of the device is marked as timeout.

## Procedure

1. On the system homepage, hover over the **Plants** section, drop down the list and select **Update Management** and access to the **Update Management** interface.

Home	Monitoring	Reports	Plants	Maintenance	Value-Added Services	System
		( Plant Statu	Plant Plant	Management	>	
			Plant Plan	Migration Management	2475 mai 51 ity	
4			Devic Devic	e Management ter Management	/4U fine	
/			Devid Upda	e Access te Management		



2. Click the Device upgrade tab. On the tab page, click "Create Upgrade Task".

_	Home Monitoring Repo	ts Plants <sup>1</sup> Maintenance	Value-Added Services System		Q 🛞 Er	glish 🗳 🤅 🕐
Bevice Upgrade		Plant				_
∨ Upgrade tir	ne: Start date → End	dat Plant Management Plant Migration	D'I;m Search			(4) Create Update Task
ount Upgrade Time	Upgrade Mode	Plan Management	age Name	Upgrade Details		Operation
		Device Device Device Adapter Management Device Access Update Management	No Data			
		Log Export				$<$ 1 $>$ 20 / page $\vee$

3. Set upgrade method, device type, target versions and device(s) and select "I am aware that the update may interrupt device running and I have obtained the customer's authorization." And then Click **OK**.

Create Upd	late Task			>
* Upgrade : * <sup>Device</sup> : type :	Now After authorization     SmartLogger	* Device :		0
Select targ	get versions	* iarget	V300R001C00SPC110	×
Model I am aware that the update may interrupt dev		version	V300R001C00SPC101 V300R001C00SPC102	_
			V300R001C00SPC110	Cancel OK

- 4. Click **OK** in the pop-up prompt dialog box.
- 5. You can check the update list and the status of current updates.

Device type	All	<ul> <li>✓ Upgrade time: Start</li> </ul>	date $\rightarrow$ End date	e 📋 Name:	Search		Create Update Task
Exe	cution Account	Upgrade Time	Upgrade Mode	Device Type	Package Name	Upgrade Details	Operation
Ŧ		2023-03-30 00:48:49	Now	Inverter	SUN2000MAV100R001C00SPC153_package	Failed:1 Succeeded:0 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-30 00:39:06	Now	Battery	FusionSolarDGV100R002C00SPC119_package	Failed:0 Succeeded:1 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-29 23:34:23	Now	Optimizer	FusionSolarDGV100R002C10SPC019_package	Failed:0 Succeeded:1 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-29 23:33:29	Now	Inverter	SUN2000LV200R001C00SPC130_package	Failed:1 Succeeded:0 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-29 23:26:24	Now	Inverter	SUN2000MAV100R001C00SPC153_package	Failed:1 Succeeded:0 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-29 23:22:49	Now	Battery	FusionSolarDGV100R002C00SPC119_package	Failed:1 Succeeded:1 Discarded:0 Timeout:0 Canceled:0 Total:2	
+		2023-03-29 23:21:44	Now	Battery	FusionSolarDGV100R002C00SPC119_package	Failed:1 Succeeded:0 Discarded:0 Timeout:0 Canceled:0 Total:1	
+		2023-03-29 23:21:27	Now	Inverter	SUN2000MAV100R001C00SPC153_package	Failed:2 Succeeded:0 Discarded:0 Timeout:0 Canceled:0 Total:2	