

SOLARMAN BUSINESS LOGIN, CHECKING ACCOUNT, ALARM, FIRMWARE UPGRADE

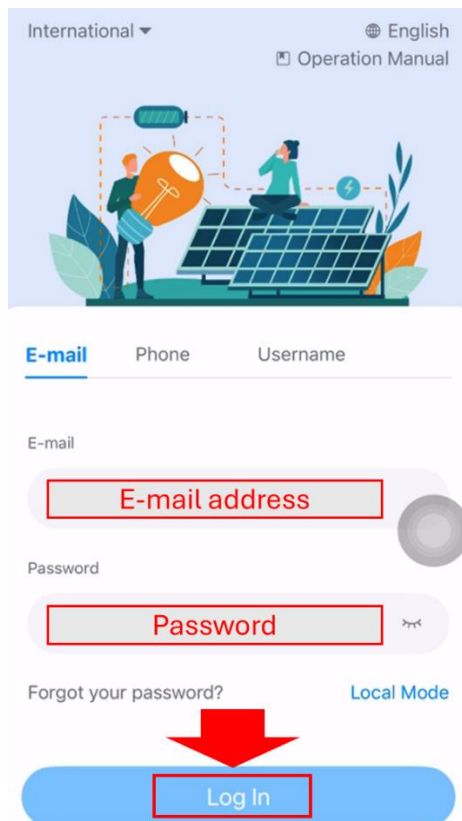
Welcome to the Fortress Power monitoring experience!

This guide will help you create your **Solarman Business Account through the Solarman Business App**, which allows you to easily monitor your solar energy system's performance anytime, anywhere.

With your Solarman account, you can view real-time energy production, track battery status, review historical data, and receive important system updates, all through the Solarman Business mobile app.

Important! To track your solar energy data, you must create a Solarman Smart Homeowner Account. Fortress Power systems use Solarman for monitoring, and data access is unavailable without an active account. All monitoring features are subject to Solarman's terms and privacy policy.

1. Use your registered email and password to log in, then click "Log In."



International ▼ English
Operation Manual

E-mail Phone Username

E-mail

E-mail address

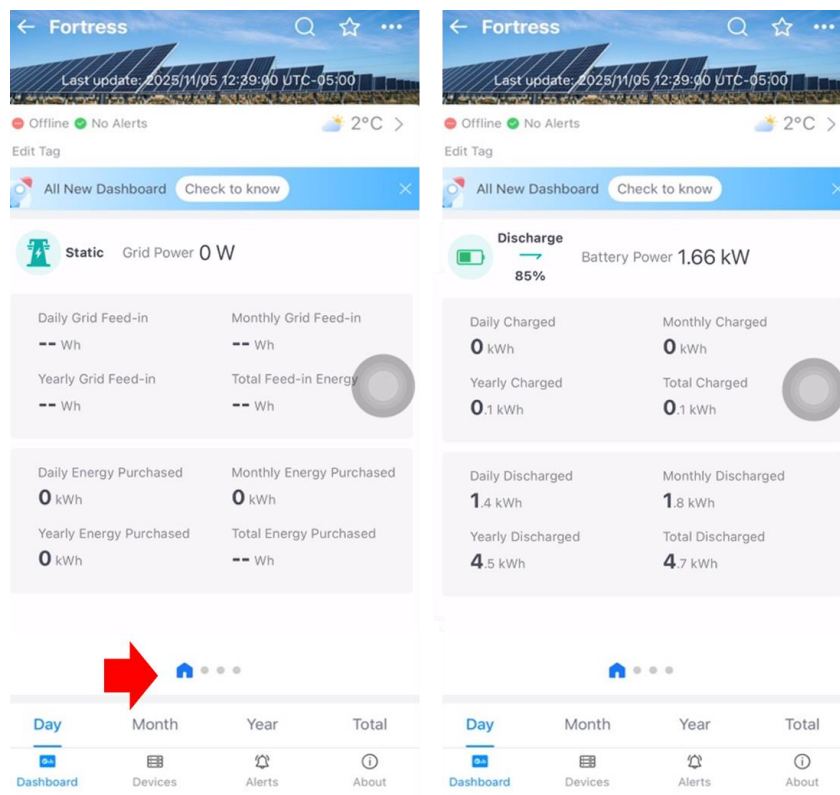
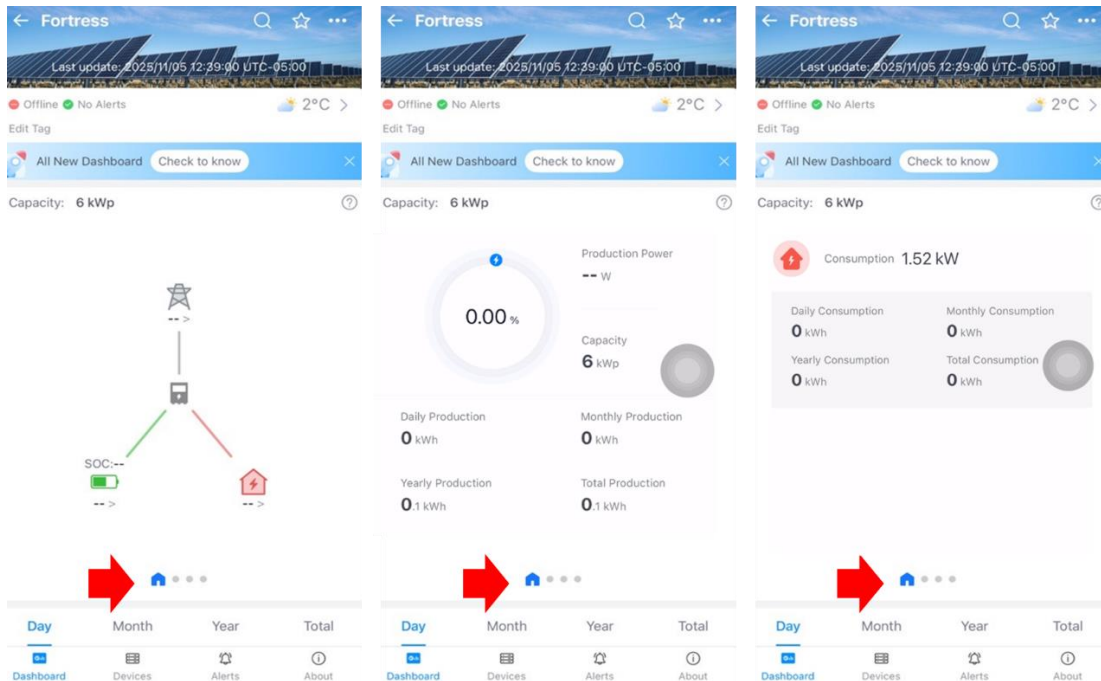
Password

Password

Forgot your password? Local Mode

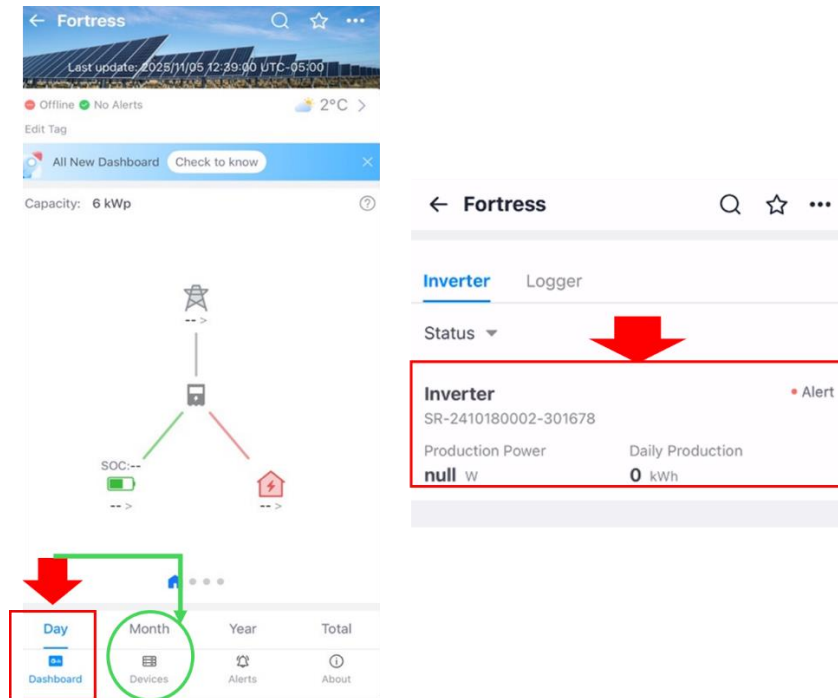
Log In

2. After logging in, the dashboard page will open, displaying the details of your plant. Swipe from right to left to view additional data.



3. In the main page, the dashboard page will open, displaying the details of your plant. Then, click on the “Device” tab to continue.

Click on the inverter to open and view its parameters.



4. Viewing Inverter Information

1. Device Parameters: Once you select your inverter, the Device Parameters page will open.

2. Statistics: Tap the Statistics tab to view historical performance. You can check data by Day, Month, Year, or Total. Graphs display selected parameters such as DC voltage, current, or power over time. Use Select Parameters to choose the data you want to visualize.

3. Alerts: Select the Alerts tab to review system notifications. You can filter alerts by All, Open, or Closed.

4. Architecture: Tap the Architecture tab to view the device network topology. This section shows how the system components are connected, including:

Logger (WiFi data logger)

Inverter (device serial number shown)

Both icons will appear green when communication is normal.

1 InverterSR-2410180002-...

Device Parameters Statistics Alerts Arch

Electricity Generation

DC	Voltage	Current	Power
PV1	0.00V	0.00A	0W
PV2	0.00V	0.00A	0W

AC	Voltage	Current	Frequency
R	0.00V	0.00A	0.00Hz
S	0.00V	0.00A	0.00Hz
T	0.00V	0.00A	0.00Hz

PV Total Power:
0W

Daily PV Power
Generation:
0kWh

2 Inverter


Parameters Statistics Alerts Architecture

Day Month Year Total

← 2025-11-04 →

DC Voltage PV1
0.00V

16:37 Select Parameters ▾



3 Inverter

Parameters Statistics Alerts Architecture

All Open Closed

Only display the alerts within the last 7 days. If you want to check the alerts within 180 days, please check on the web

Failure	BMS communication fault (58)	Closed
2025/11/03 17:00 - 2025/11/04 13:11		
Notice	Battery capacity rate low alarm (30)	Closed
2025/10/30 19:14 - 2025/11/01 03:30		
Failure	BMS communication fault (58)	Closed
2025/10/29 14:17 - 2025/10/29 14:27		
Failure	BMS communication fault (58)	Closed
2025/10/29 13:27 - 2025/10/29 13:30		

4 Inverter

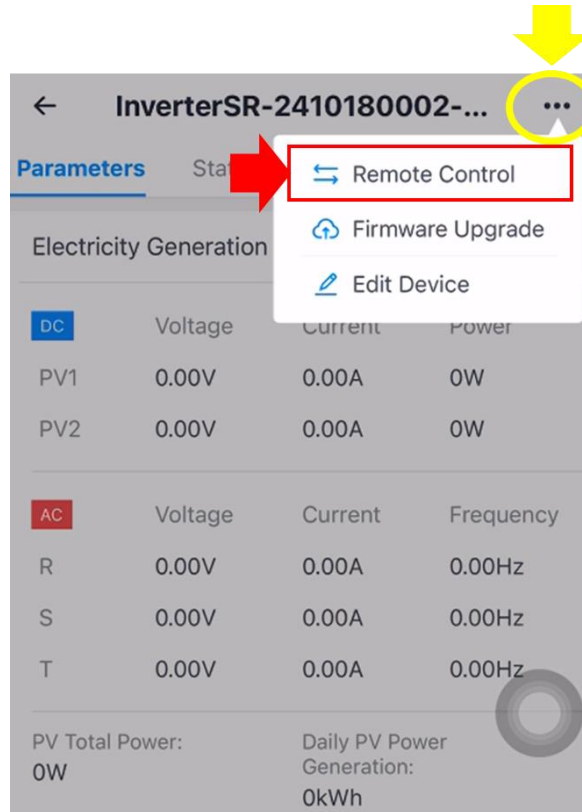
Parameters Statistics Alerts Architecture

The actual network topology reflected when the device is uploading data.

[-] Logger: 3542020818

Inverter: SR-2410180002-301678

5. Click the three dots (:) in the upper corner of the screen and select “Remote Control.”



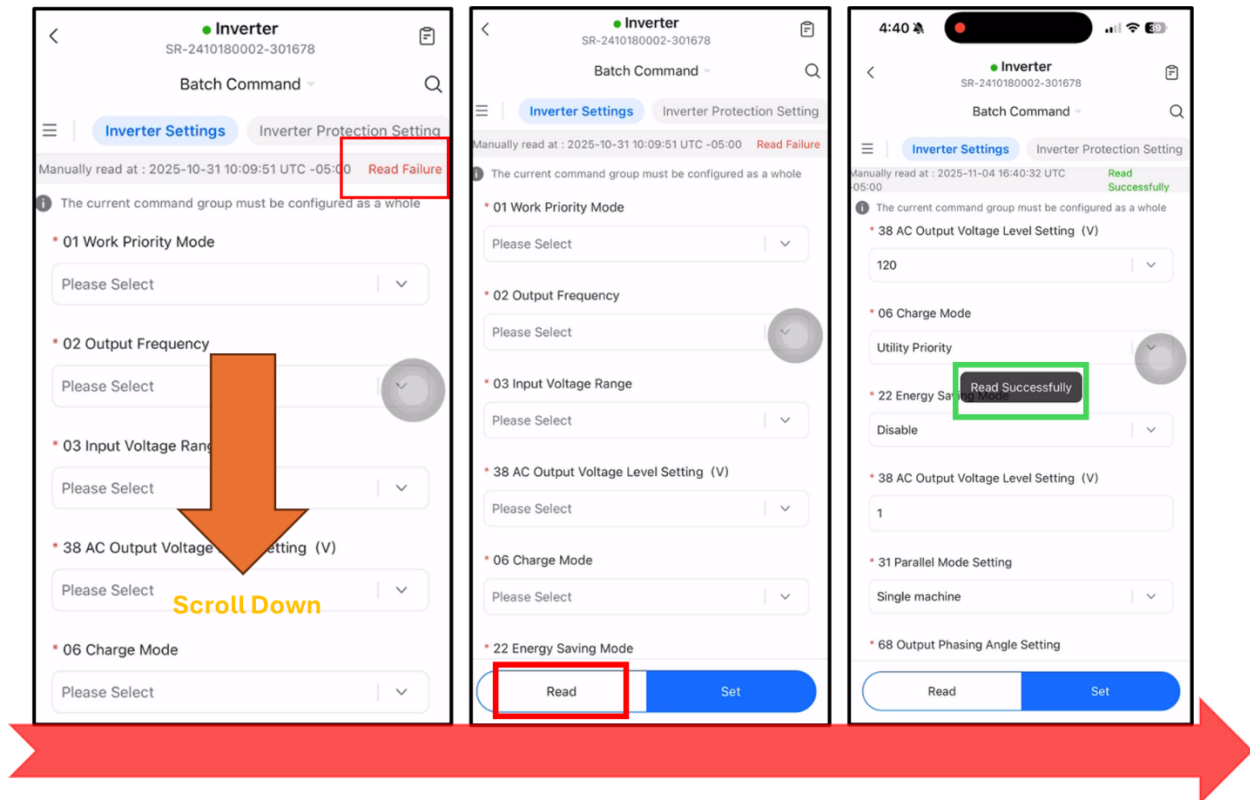
6. Reading Inverter Settings (Batch Command)

Open the Batch Command Page: Navigate to the inverter and select Batch Command. Select “Inverter Settings” Ensure you are on the Inverter Settings tab at the top of the screen.

Scroll Down: Scroll down through the parameters until you reach the bottom of the page. (Parameters include Work Priority Mode, Output Frequency, Input Voltage Range, AC Output Voltage Setting, Charge Mode, etc.)

Tap the “Read” Button: At the bottom of the page, tap Read to pull the inverter’s current settings.

Successful Reading: When the reading completes, you will see Read Successfully in green. The parameter fields will populate with the inverter’s actual values.



7. Reading and Setting Battery Parameters

1. Go to the Battery Settings Tab

On the Batch Command page, select the Battery Settings tab at the top of the screen.

2. Scroll Down to the Bottom of the Page

Scroll through the list of battery parameters (such as Battery Type, Undervoltage Alarm Point, Over-Discharge Voltage, Delay Time, etc.) until you reach the bottom.

3. Tap the “Read” Button

At the bottom of the screen, press Read to load the inverter’s current battery parameters.

4. Successful Read Message

If the connection is successful, you will see Read Successfully in green, and all battery parameters will populate with current values.

(Shown in the middle image.)

5. Select Battery Type (If Needed)

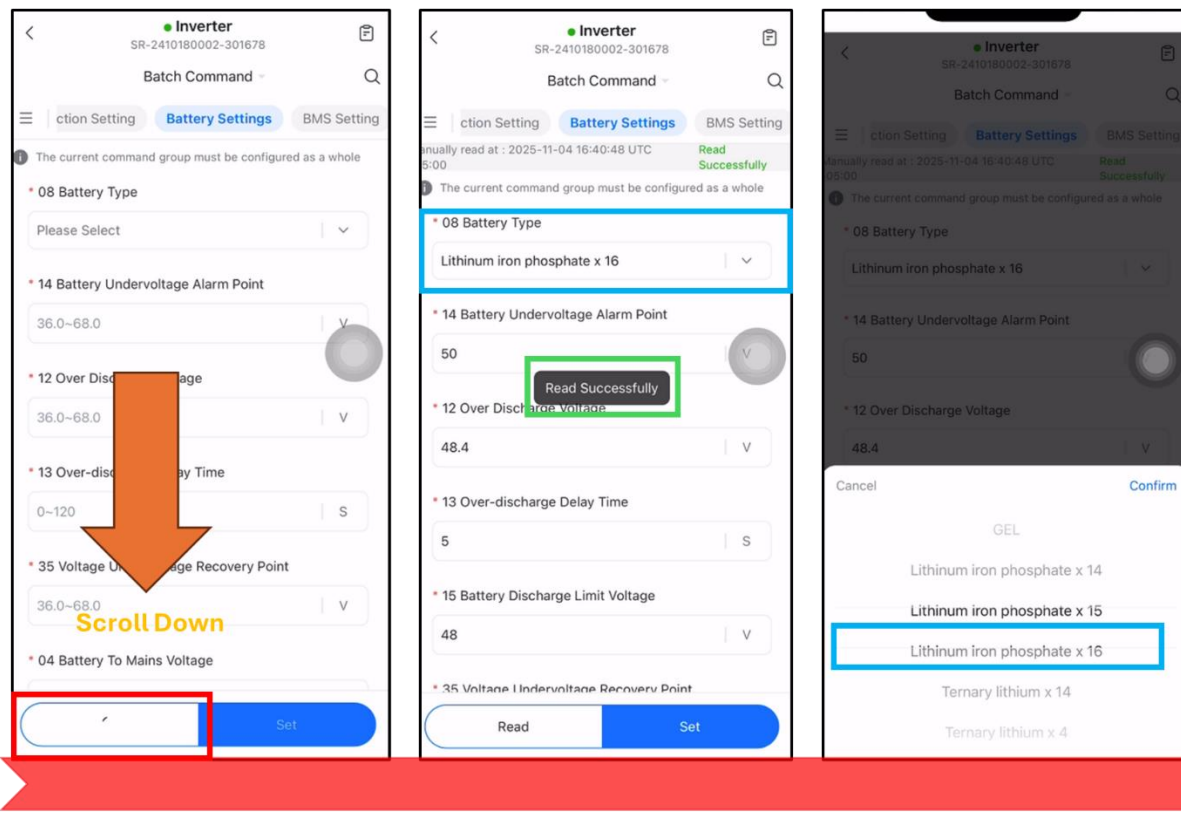
Tap the Battery Type dropdown menu.

A selection window will appear showing available battery types.

6. Choose the Correct Battery Type

Scroll and select Lithium iron phosphate x 16 (highlighted in the image).

Tap Confirm to apply the selection.



8. Reading Additional Inverter Settings (Charging, Peak & Valley, and Special Functions)

1. Maximum Charge Current Settings

Navigate to the Maximum Charge Current Setting tab.

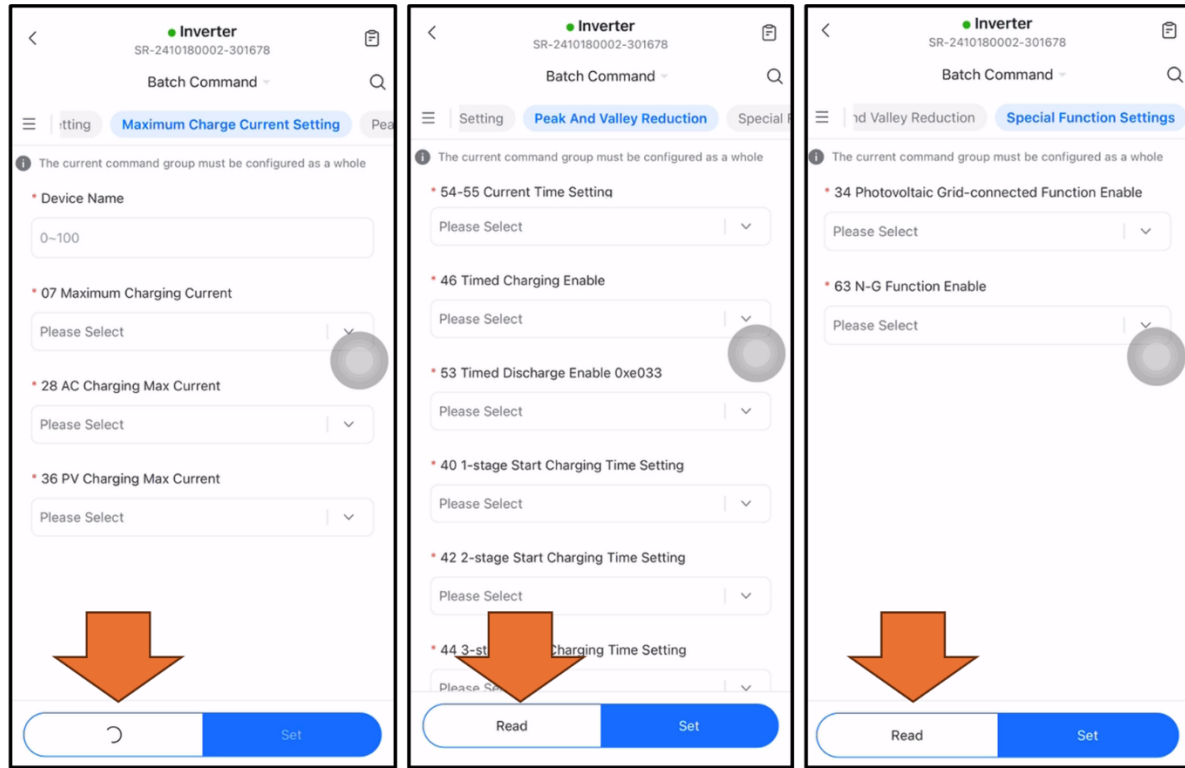
Review parameters and scroll to the bottom and tap Read to load existing inverter values.

2. Peak and Valley Reduction Settings

Select the Peak and Valley Reduction tab. Scroll down and tap Read to retrieve the current configuration.

3. Special Function Settings

Navigate to Special Function Settings. At the bottom of the screen, tap Read to load existing inverter settings.



9. How to Upgrade Inverter Firmware

Step 1: On the inverter page, click the “Upgrade” tab.

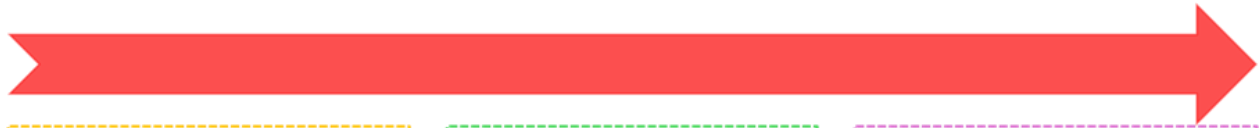
Under the Upgrade Operation section, click “Click to select firmware package.”

Step 2: Select the Firmware Package: From the list of available firmware packages, locate and select the latest version (e.g., MDSP-ASP48600U135_V8.20.10_MCU1.bin).

Click “Done” in the top right corner to confirm your selection.

Step 3: Start the Upgrade: Verify that the selected firmware package appears under Firmware Package.

Ensure the Timeout Time is set (default is 40 minutes). Click “Start to Upgrade.”



← Inverter: SR-2410180002-301... Alert

Upgrade Log

Version information More >

BMS Version1	BMS Version2	Software Version
V1.07	V1.20	V8.20.010

Upgrade operation

Firmware package

Click to select firmware package ▼

Timeout time ⓘ

40 minute

Start to upgrade

← **Select Firmware Package** Done

🔍 Please enter firmware name/version

Total number of options: 3 ⌵ Latest firmware first

- ☒ **MDSP-ASP48600U135_V8.20.10_MCU1.bin**
8.20.10
2025/10/29 13:00:48 UTC-05:00
- ☐ **MDSP-ASP4860U135H_V8.20.07_MCU1.bin**
8.20.07
2025/03/07 01:05:46 UTC-05:00
- ☐ **MDSP-ASP48600U135_V8.20.06_MCU1.bin**
8.20.06
2025/02/18 01:45:31 UTC-05:00

← Inverter: SR-2410180002-301... Alert

Upgrade Log

Version information More >

BMS Version1	BMS Version2	Software Version
V1.07	V1.20	V8.20.010

Upgrade operation

Firmware package

MDSP-ASP48600U135_V8.20.10_MCU1.bin ▼

Timeout time ⓘ

40 minute

Start to upgrade