



RF Stick Datalogger(USB) Quick Installation Manual

Version: 1.0



Delivery Content

- 1 RF stick(USB)
- 1 Quick Installation Manual

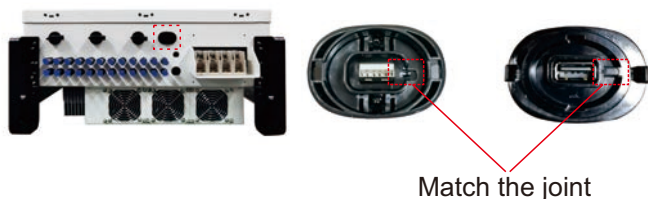
Tips: The contents of this manual may be updated from time to time due to product version upgrades or other reasons. If some of the descriptions in this manual are slightly different from the equipment you are using, this is normal and will not affect your operation and use.

1 Install

1.1 Install the datalogger

Connect the datalogger to the corresponding 4-pin COM port of the inverter. A Solis 50K inverter is used here as an example.

Please follow the instructions below:



Install the datalogger:

1. Press both sides of the protective cover and open the inverter USB port protective cover.
2. Match the joint, and then align the WiFi datalogger with the USB port groove of the inverter and install it directly.



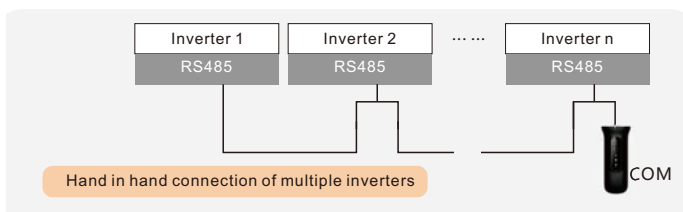
1



2

1.3 Install with multiple inverters

If you need to collect data from multiple inverters, please follow the inverter user manual to establish a communication connection with the inverter using the RS485 communication cable in a "hand in hand" manner.



After the datalogger is installed on the inverter, if the inverter is powered on, you need to set the inverter slave address, the default slave address of the inverter is 01, and each inverter on the communication circuit needs to be assigned with different slave address different slave address (like 01, 02, 03, 04...).

NOTE

The device must be installed away from the strong magnetic field produced by large electrical appliances such as microwave oven, refrigerator, telephone, metal walls, etc. Otherwise, the communication quality may be affected. It may also be affected by lightning storm.

2 LED and Button

2.1 LED Lights Status

LED indicators	Description	LED Status	Meanings
Internet Indicators ● (NET)	Shows the connection status between the datalogger and the server.	Flashing	Trying to connect with server
		ON	Successfully connected
		OFF	Abnormal connection
Inverter COM Indicators ● (COM)	Shows the connection status between datalogger and the inverter.	Flashing	Trying to connect with inverter
		ON	Successfully connected
		OFF	Abnormal connection
Power Indicator ● (PWR)	Shows the power supply status of the datalogger.	ON	Datalogger is powered up normally
		OFF	Datalogger is powered up abnormally

When all three lights are on, it means that the datalogger is working normally. Otherwise, please contact the manufacturer's customer service.

2.2 RESET Button Instruction

Operation	Instruction
Short press	Send an inverter real-time data to SolisCloud.
	Reconnect to the network when the logger's network is disconnected.
Long press for over 10 seconds (until the yellow and green lights go out)	Restore factory settings to erase memory data and network configuration information. (network reconfiguration is required after reset).

3 Create the SolisCloud Account

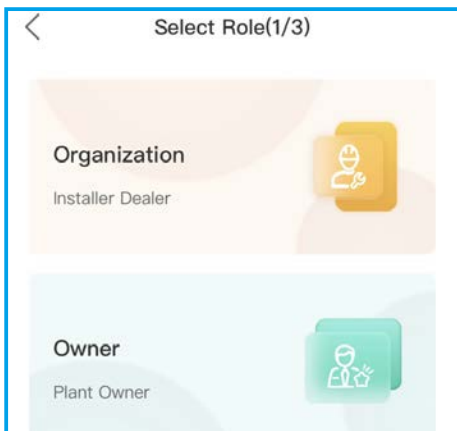
Step 1: You can download the SolisCloud mobile app by scanning the QR code or searching "SolisCloud" from APP Store or Google Play Store.



Step 2: Tap "Register".



Step 3: Select Owner or Organization for registration.



Step 4: Enter your email address and input the verification code you received in your email, then set up user name and password to complete the registration.

< Organization(2/3)

Note: If your organization has registered an account in SolisCloud, you do not need to register again. Please contact the administrator to add you as a sub-organization or member in organization management.

* Registration Method

100S

* I have agreed [Privacy Policy](#)

Previous **Next**

< Organization(3/3)

Note: If your organization has registered an account in SolisCloud, you do not need to register again. Please contact the administrator to add you as a sub-organization or member in organization management.

* Email

* Organization (Company) Name

Input 2 to 60 characters

* User Name

Enter username

* Password

Password

Password Strength: ?

* Confirm Password

Enter password again

* Organization Code

9841F5

Previous **Register**



Owner(2/3)

* Registration Method

93S

* I have agreed [Privacy Policy](#)

Previous

Next



Owner(3/3)

* Email

* User Name

* Password

Password Strength: Medium

* Confirm Password

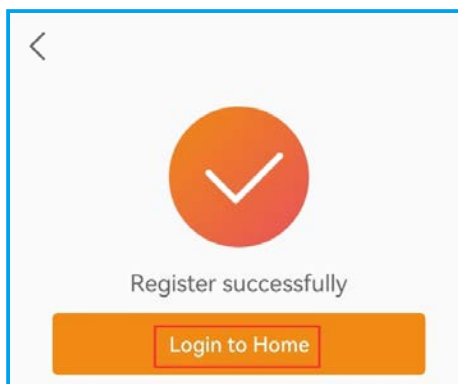
* Time Zone

(UTC+08:00) PRC

Previous

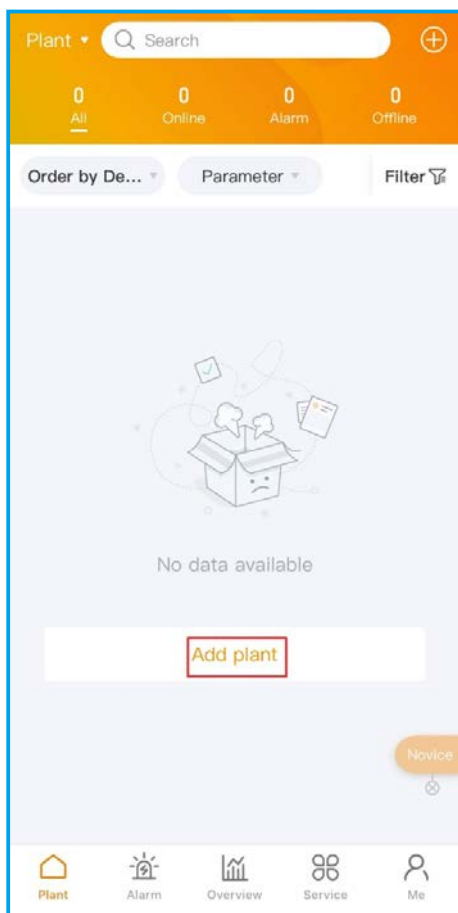
Register

Step 5: Registration completed.



4 Create Plant

Step 1: Enter the home page of SolisCloud APP, click "Add Plant" in the middle of the page.



Step 2: Enter the plant details and then tap “Next”.

Add Plant

1 — 2 — 3 — 4
Basic Information Tariff Managem... Associate account More Information

* Plant Name

* Plant Type Residential >

* Capacity(kWp)

* Area

* Plant Address

* Time Zone (UTC+08:00) PRC >

* Currency USD >

Organization Code Input Organization Code >

Next

Add Plant

✓ — 2 — 3 — 4
Basic Information Tariff Managem... Associate account More Information

Feed-in Tariff

* Tariff Type Fixed Tariff >

* Tariff(USD/kWh)

Previous **Next**

Company Tariff >


Add Plant

✓ — ✓ — 3 — 4
Basic Information Tariff Managem... Associate account More Information

Add Guest ?

Previous **Next**

Step 3: Once the required information has been entered, tap “**Create Plant**”.


 **Add Plant**


Progress: ✓ Basic Information — ✓ Tariff Managem... — ✓ Associate account — **4** More Information

Installer Email


Installer Phone

Module


Grid Interaction Type  [Maximum Export >](#)

Grid Connection Time  [Please select date >](#)

Plant Contact Phone

Access Platform Time  [Please select date >](#)

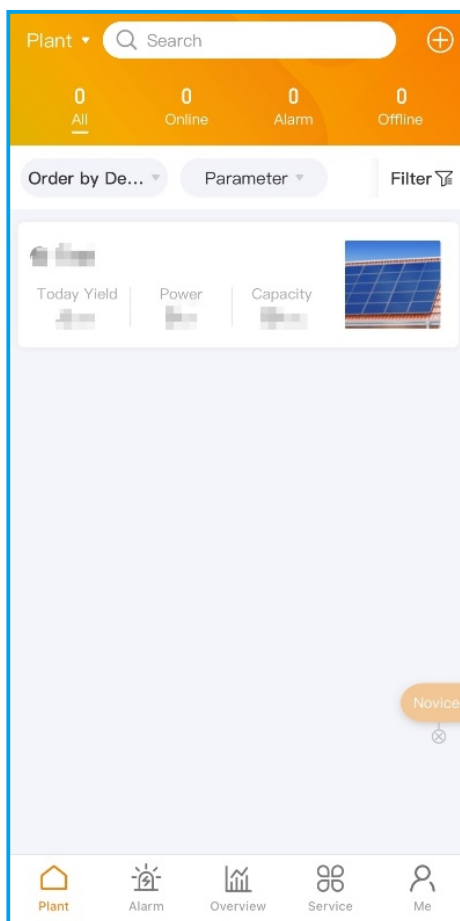
Plant Picture



[More Settings !\[\]\(bce1f15b6b86cf60334e906ce4e1daf2_img.jpg\)](#)

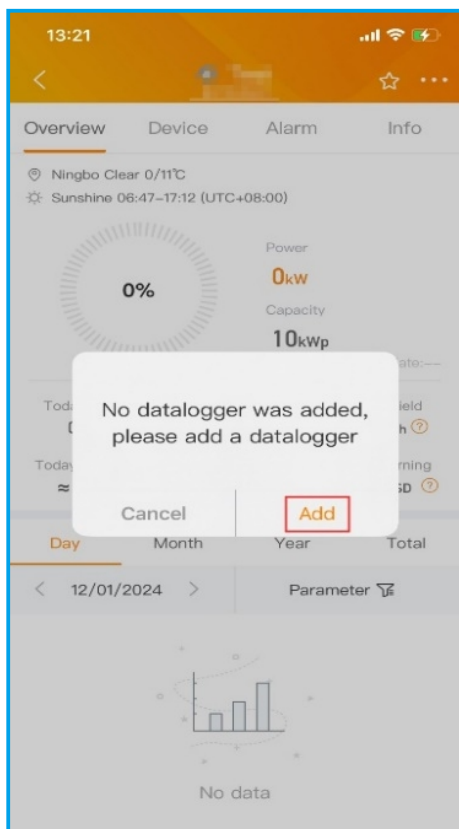
[Previous](#) [Create Plant](#)

Step 4: Plant creation completed. It will automatically enter the APP homepage.

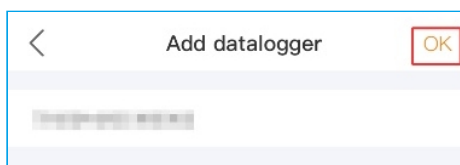


5 Bind the dataloggers

Step 1: Click on the plant to enter the plant home page. You will be prompted to add a datalogger, tap “Add” to add the logger.



Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click "OK".

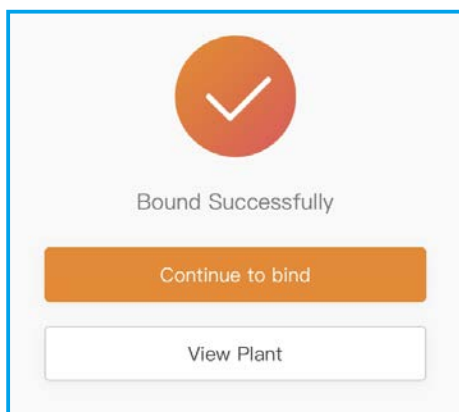


NOTE

Please make sure to input the logger serial number, not the inverter serial number.



Step 3: Bound successfully. If the plant has multiple dataloggers, please click “Continue to bind” to bind other dataloggers.



Contact

Please contact us if you have any technical problems in terms of the product. Please provide the following information as well:

- ◆ Inverter SN
- ◆ Datalogger SN
- ◆ Problem Description

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