RF Stick Datalogger(4Pin) Quick Installation Manual

Version: 1.0

Delivery Content

- 1 RF stick(4Pin)

- 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 5K inverter is used here as an example.
Please follow the instructions below:

Match the joint

Install the datalogger:

Step 1: Remove the plastic protective cap from the inverter COM port.
Step 2: Match the joint, and then insert the datalogger to the inverter COM port.
Step 3: Rotate the black ring in clockwise.
(Only rotate the black ring at the connection end, not rotate the main body.)

2   3

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.

Hand in hand connection of multiple inverters
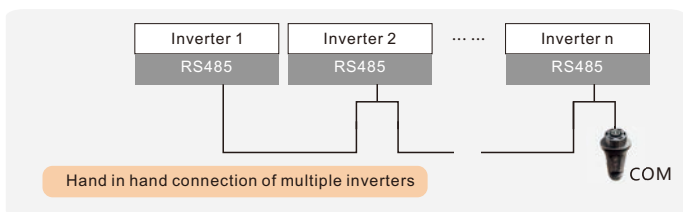
After the datalogger is installed on the inverter, if the inverter is powered on, you need to set the inverter slave address, the default slave address of the inverter is 01, and each inverter on the communication circuit needs to be assigned with different slave address different slave address(like 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 lighting 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".
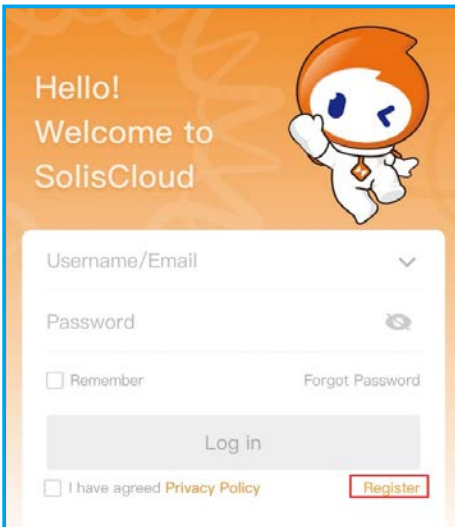
Step 3: Select Owner or Organization for registration.
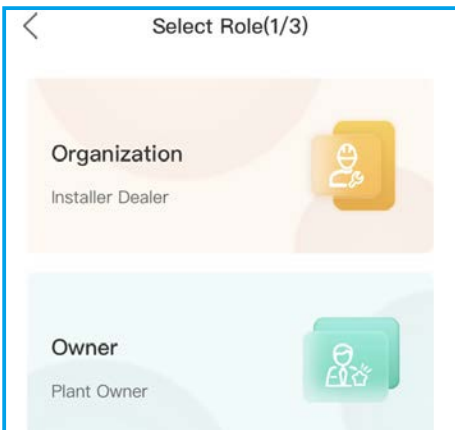
Step 4: Enter your email address and input the verification code you received in your email, then set up user name and password to complete the registration.

< 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**

[blurred]

| [blurred] | 93S |

☑ ***** I have agreed **Privacy Policy**

| Previous | **Next** |

Owner(3/3)

* Email

[blurred]

* User Name

[blurred]

* Password

| | 👁 |

Password Strength: ▬▬ ▬▬ ▬▬ Medium ❓

* Confirm Password

| | 👁 |

* Time Zone

| (UTC+08:00) PRC | ⟩ |

| Previous | **Register** |

Step 5: Registration completed.

Register successfully

Login to Home
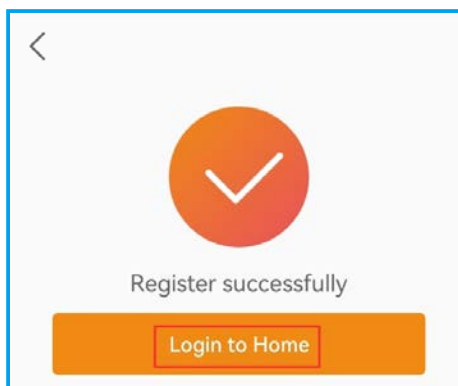
4 Create Plant

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

Plant ▾ Q Search ⊕

0	0	0	0
All	Online	Alarm	Offline

Order by De... ▾   Parameter ▾   Filter ▽

No data available

Add plant

Novice

⌂ Plant   ☀ Alarm   📊 Overview   88 Service   👤 Me
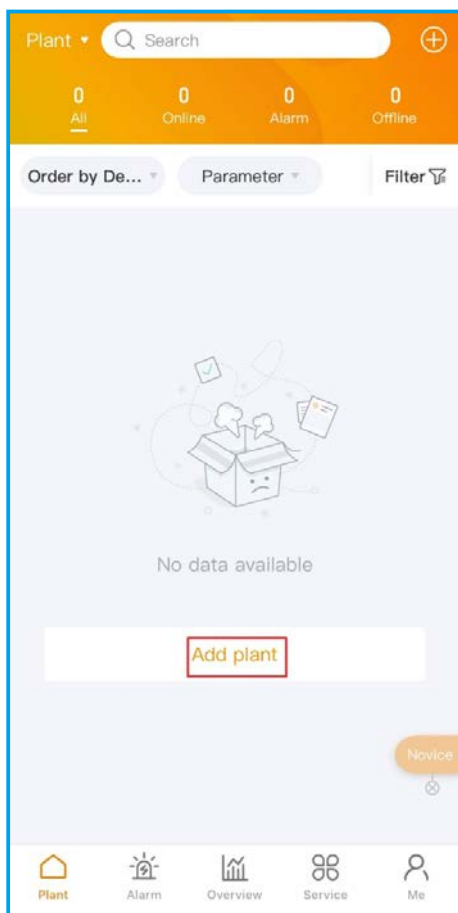
Step 2: Enter the plant details and then tap "Next".

| ‹ | 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

1 — 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

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

Add Guest ⊙   ⊕

Previous   Next

Step 3: Once the required information has been
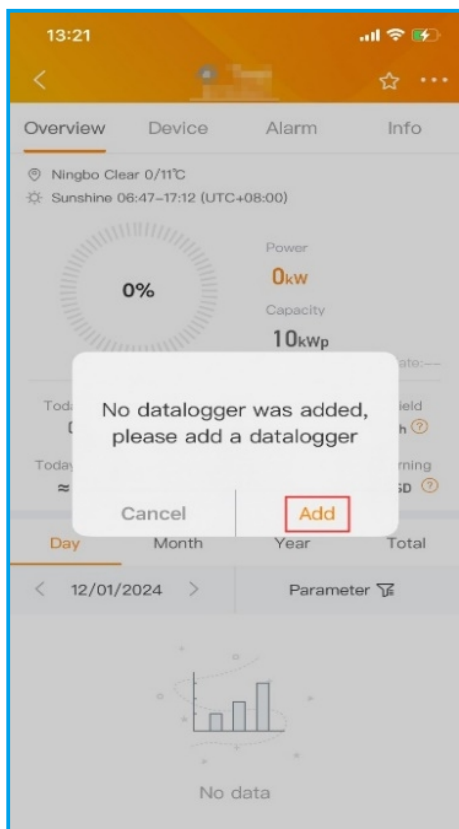entered, tap "Create Plant".

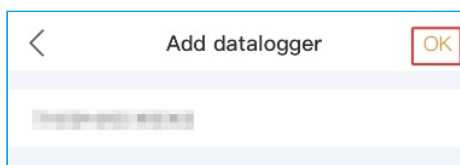Step 4: Plant creation completed. It will automatically enter the APP homepage.
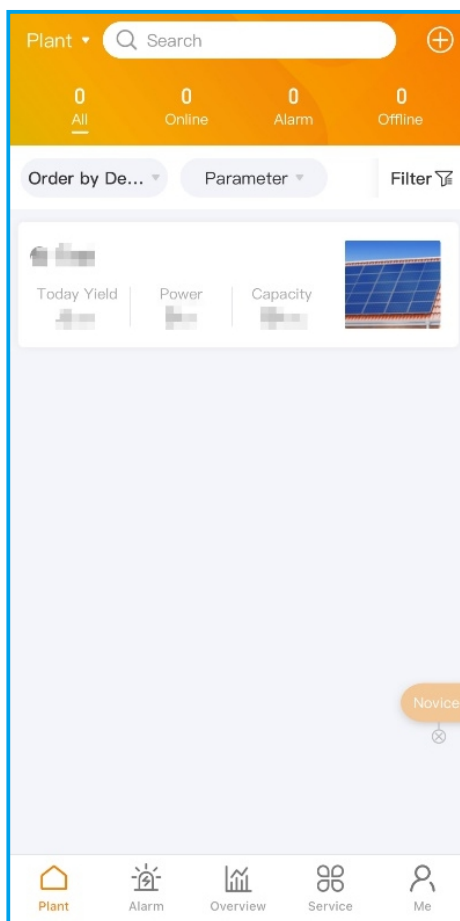
5 Bind the dataloggers

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.

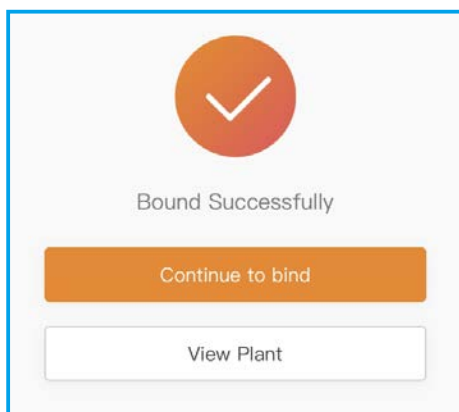Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click "OK".

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

Bound Successfully

Continue to bind

View Plant

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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