



S2-RF-GATEWAY QUICK USER GUIDE

Version: 1.0

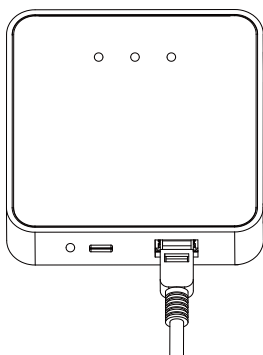


Delivery Content

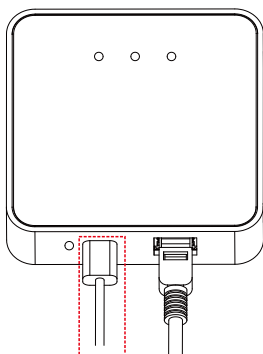
- 1 PC RF Gateway
- 1 PC RF Internet cable
- 1 PC RF Power cable
- 1 PC RF Gateway Quick User Guide

1 RF Gateway Installation

Install Cable and Connect to Router.(Please make sure router has normal networking ability and DHCP is enabled.)



Connect to Power Supply.

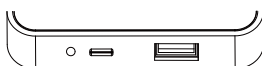


NOTE

Installation Requirements: Max. distance between RF gateway and RF sub-device without shelter is 200m.
Through-wall Ability: 2 reinforced concrete walls (15cm) at max., total distance is less than 20m.

2 Usage Methods and Notices for Reset Button

Usage methods and key-press descriptions for reset button.



Key-press	Status Description	Light Status
Long press 5s	Rebooting the stick logger	SER light will flash after 5s, then release.
Long press 10s	Resetting the stick logger	SER light will flash after 5s, RF light will flash 5s later, then release. (Non-professional personnel do not operate.) If you operated incorrectly, please contact customer service for help.

3 RF Gateway Status

Lights	Implication	LED Status	Status Description
RUN	System Running Status	ON	Powered up normally
		OFF	Powered up abnormally
RF	Communication status with inverter	Flashing	Trying to connect with inverter
		ON	Successfully connected
		OFF	Abnormal connection
SER	Communication status with server	Flashing	Trying to connect with server
		ON	Successfully connected
		OFF	Abnormal connection

Normal operation:

1. Power on RUN light, around 3s, RF and SER light will flash, Around 30s-2mins, three lights are on,
2. When all three lights are on, it means that the datalogger is working normally. Otherwise, please contact the manufacturer's customer service.

4 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](#)”.

The screen has an orange background with a faint floral pattern. At the top left, it says "Hello! Welcome to SolisCloud" in white text. To the right is a cartoon character with orange hair, a white body, and a blue visor. Below the text is a white login form with fields for "Username/Email" and "Password". There is a "Remember" checkbox, a "Forgot Password" link, and a "Log in" button. At the bottom, there is a checkbox for "I have agreed Privacy Policy" and a red-bordered "Register" button.

Step 3: Select Owner or Organization for registration.

The screen has a white background. At the top, there is a back arrow and the text "Select Role(1/3)". Below this are two options. The first option is "Organization" with the subtext "Installer Dealer" and an orange icon of a person with a gear. The second option is "Owner" with the subtext "Plant Owner" and a green icon of a person with a house.

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

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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](#)

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Owner(3/3)

* Email

* User Name

* Password

Password Strength: Medium ?

* Confirm Password

* Time Zone

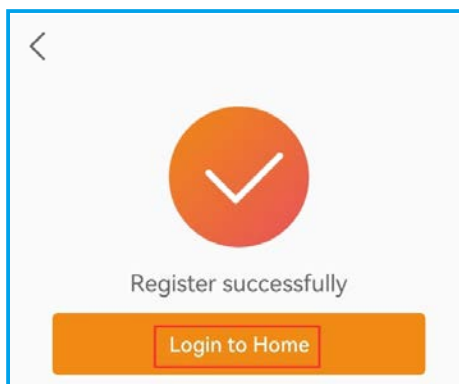
(UTC+08:00) PRC

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Previous

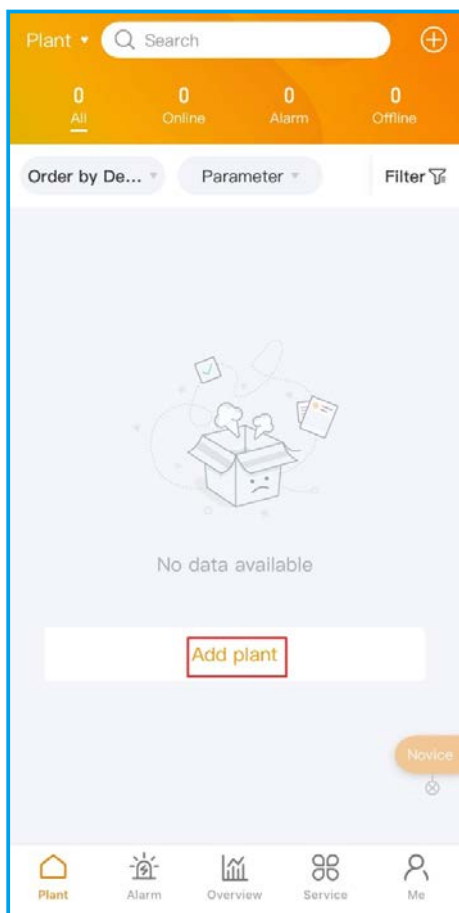
Register

Step 5: Registration completed.



5 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

✓

Basic Information

✓

Tariff Managem...

✓

Associate account

4

More Information

Installer Email

Input installer email

Installer Phone

Input installer Phone

Module

Input number of modules

Grid Interaction Type

?

Maximum Export >

Grid Connection Time

?

Please select date >

Plant Contact Phone

Input phone

Access Platform Time

?

Please select date >

Plant Picture

+

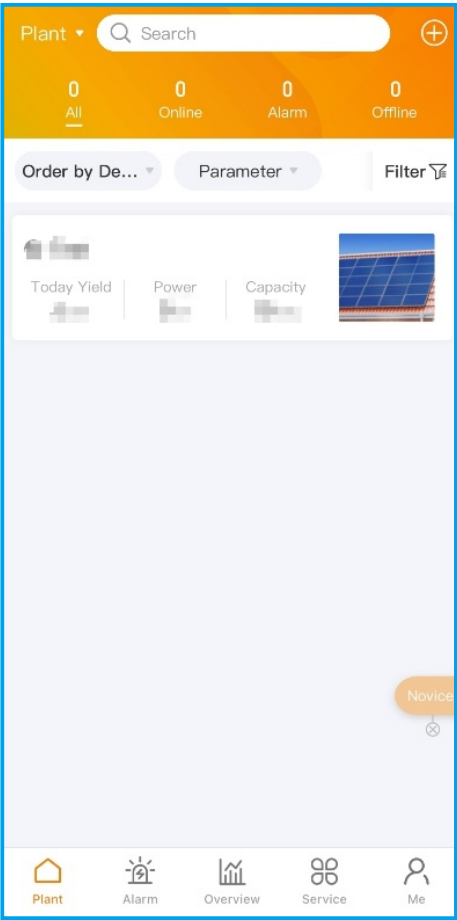
More Settings

?

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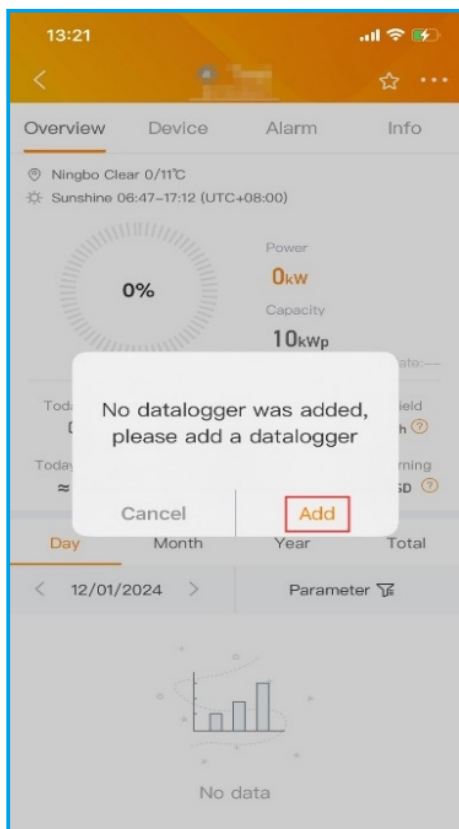
Create Plant

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

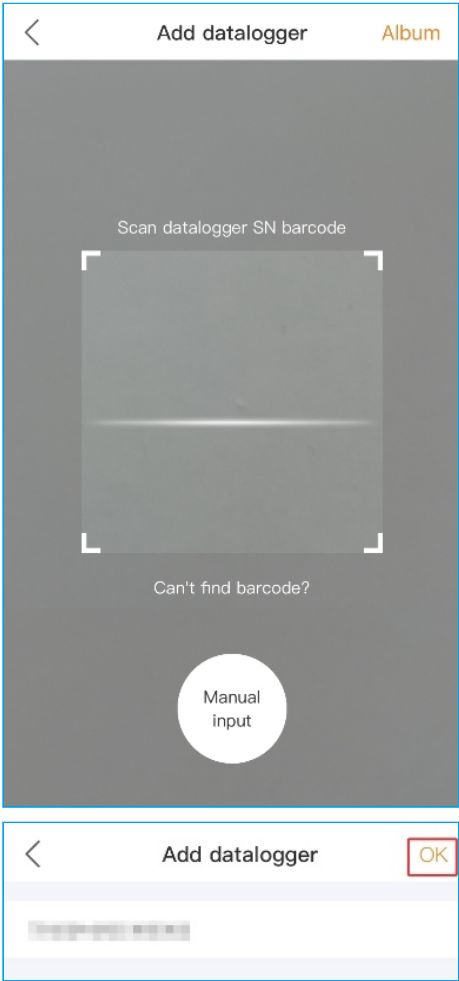


6 Bind the dataloggers

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".

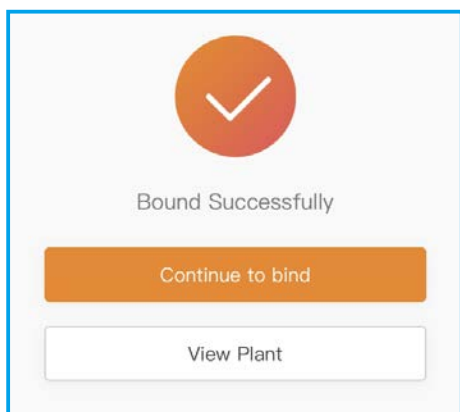


NOTE

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



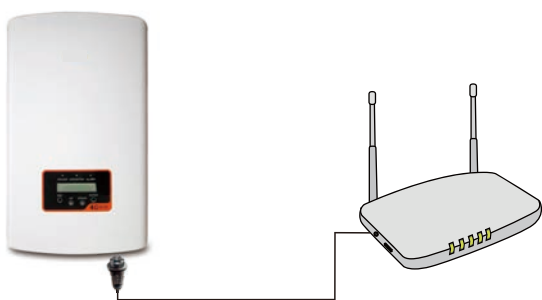
Step 3: Bound successfully. If the plant has multiple dataloggers, please click “Continue to bind” to bind other dataloggers.



7 Network Configuration

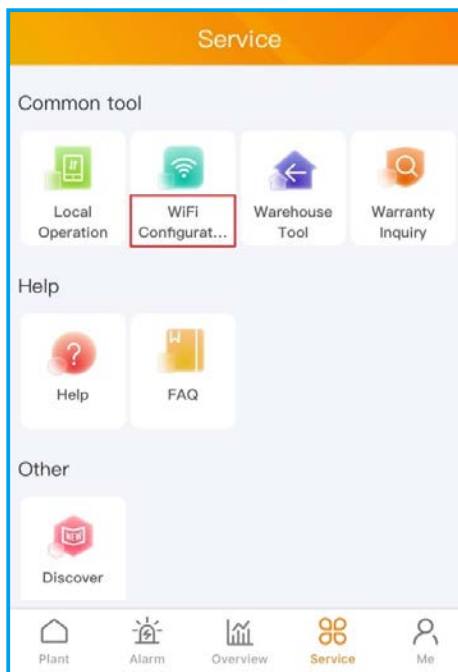
7.1 LAN Configuration

If you want to use a wired network, you need to follow the first installation step to install the network cable. Connect the datalogger to the router through the network cable, then LAN Configuration is completed.

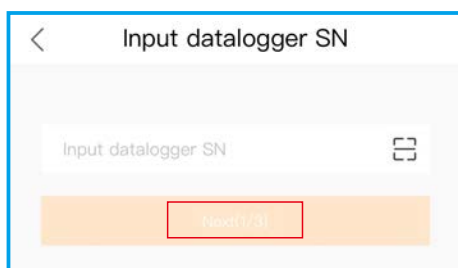


7.2 WiFi Configuration by Bluetooth

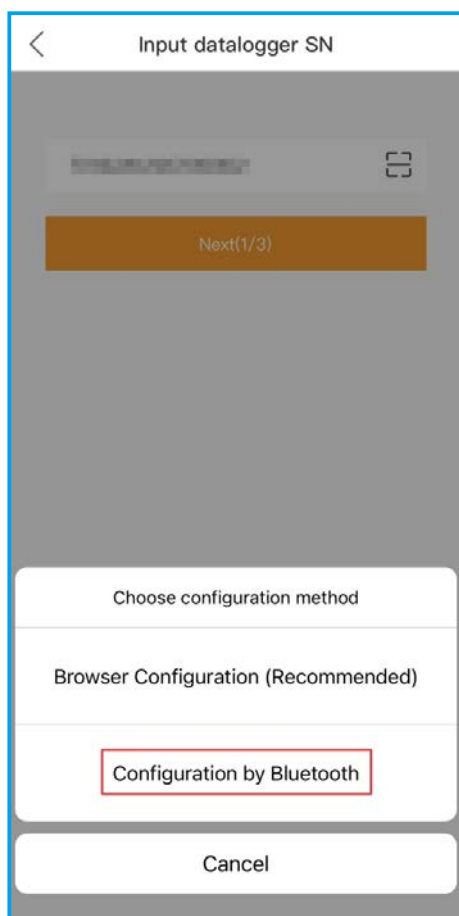
Step 1: Click “Service” page to enter "WiFi Configuration" in the toolbar.



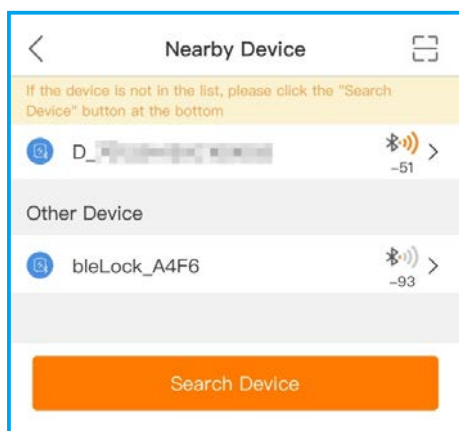
Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click “Next”.



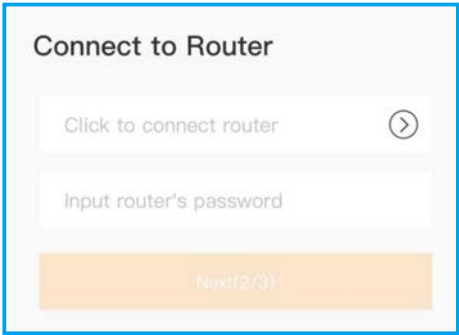
Step 3: Choose the configuration method, click "[Configuration by Bluetooth](#)".



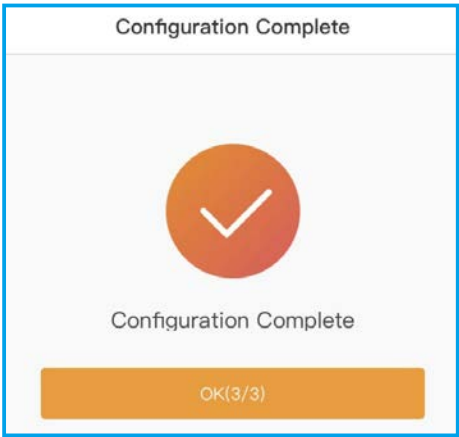
Step 4: Select the Device called "[D_serial number of the inverter](#)".



Step 5: Click”>”to jump to the WLAN settings on your phone. Search for Local Area Network and then select the network you want to connect. Then switch back to the page to fill in the WiFi password, and move to next step.

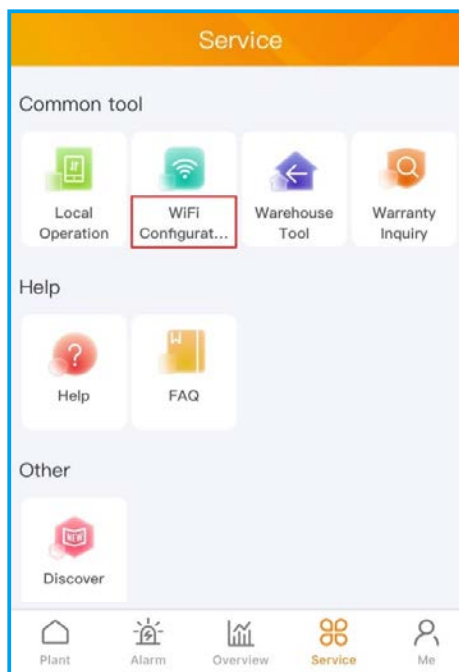


Step 6: Configuration Completed.

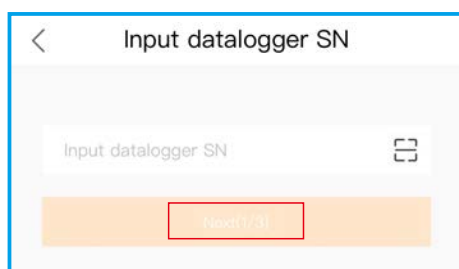


7.3 WiFi Configuration by Browser

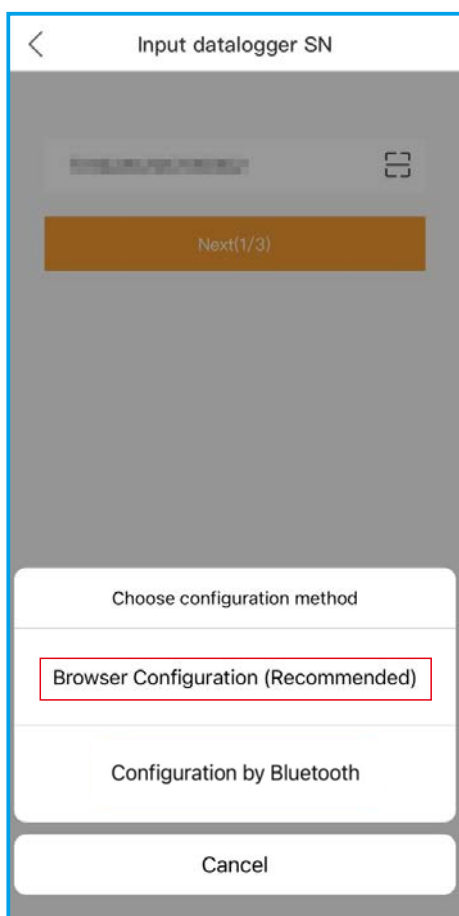
Step 1: Click “Service” page to enter "WiFi Configuration" in the toolbar.



Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click “Next”.



Step 3: Choose the configuration method, click "[Browser Configuration](#)".



Step 4: Make sure that the green light flashes at intervals, then click "[I'm sure it is flashing](#)".

 Configuration Tip



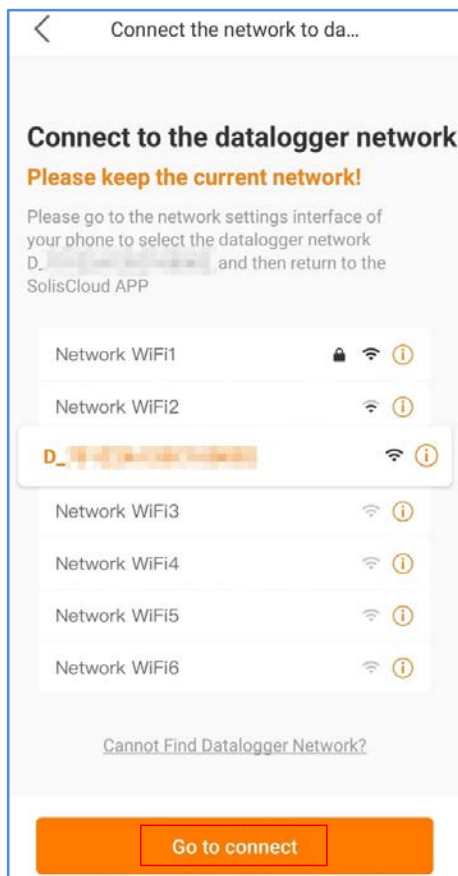
Please turn on the configuration mode of the datalogger

Plug the datalogger into the inverter and wait for the indicator light of the datalogger to be stable. That means, the red light on the datalogger keeps on, and the green light flashes every second, as shown in the figure above. Then you can start connecting to the WiFi signal of the logger, click to "[view the tutorial](#)":

- (1) Make sure that the green light of the datalogger flashes at intervals. If the WiFi signal is not found, try re-plug the datalogger;
- (2) If the WiFi signal still can not be found, please long-press the datalogger for over 10 seconds to restore to the default setting, wait for the indicator light of the datalogger to be stable, and click to [view the tutorial](#);
- (3) If the datalogger is connected to the network, but the network needs to be changed, please follow the method 2
- (4) If the network is not found after multiple attempts of the above methods, please replace the datalogger.

I'm sure it is flashing

Step 5: Click "[Go to connect](#)"(For Android system) or anywhere on the page(For IOS system) to jump to the WLAN settings on your phone.



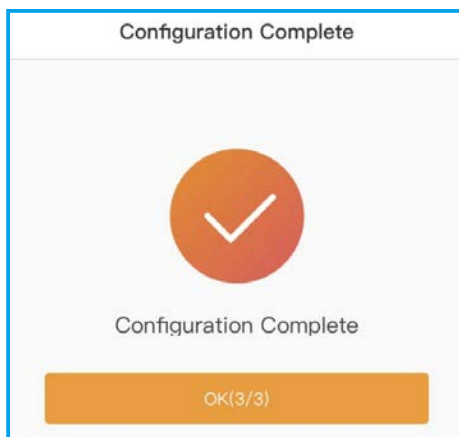
Step 6: Search for Local Area Network and select the network called “D_serial number of the datalogger”. Enter the default password “123456789”, then return to APP.

The first screenshot shows the iPhone's 'Settings' app with the 'WLAN' section open. A list of available networks is shown, with 'D_serial_54121514C8B01710' selected. The second screenshot shows the 'Enter Password' screen for the selected network. It includes a 'Cancel' button, a 'Join' button, and a password input field. Below the input field, there is a note: 'You can also access this WLAN network by bringing your iPhone near any iPhone, iPad, or Mac which has connected to this network and has you in their contacts.'

Step 7: Click”>”, make sure the phone is connected to router WiFi and switch back to the page to fill in the WiFi password, then move to next step.

The screenshot shows a screen titled 'Connect to Router'. It contains a button labeled 'Click to connect router' with a right arrow icon, a text input field labeled 'Input router's password', and an orange button labeled 'Next(2/3)'.

Step 8: Configuration Completed.



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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