Solis

S2-RF-GATEWAY
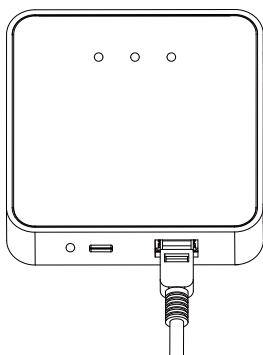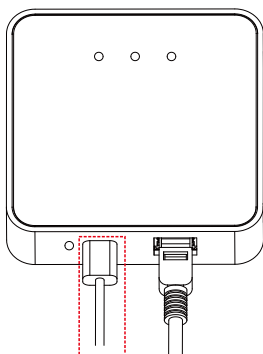# QUICK USER GUIDE

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.)

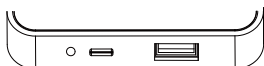Connect to Power Supply.

📖 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 lightwill 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 personneldo 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,hree 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".

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

[redacted]

[redacted]   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

[redacted]

* 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 |

* Registration Method

93S

✓ * I have agreed Privacy Policy

| Previous | Next |

* Email

* User Name

* Password

👁

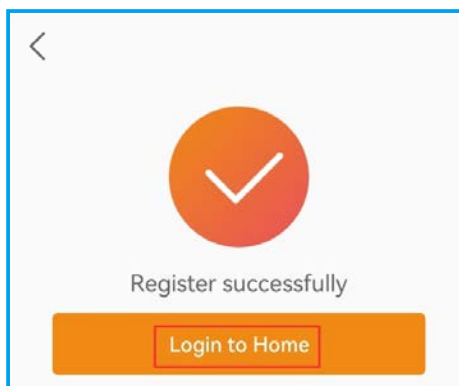Password Strength: ▬▬ ▬▬ ▬▬ Medium ❓

* Confirm Password

👁

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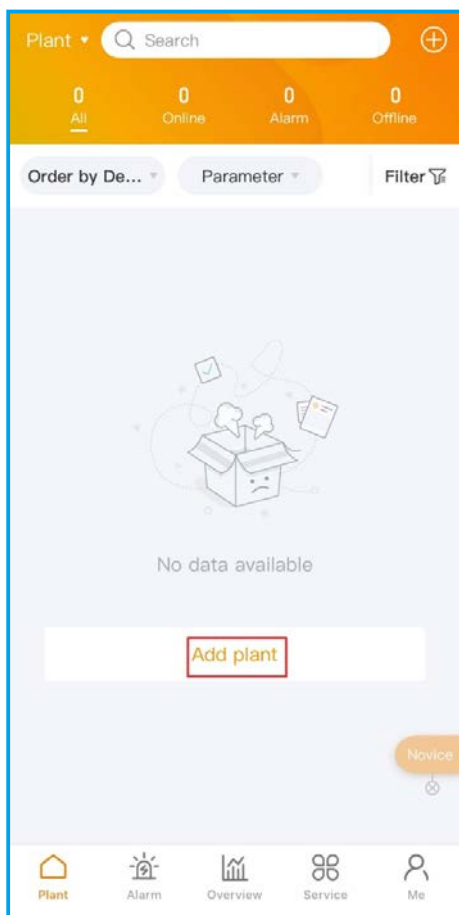
(UTC+08:00) PRC >

| 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".

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

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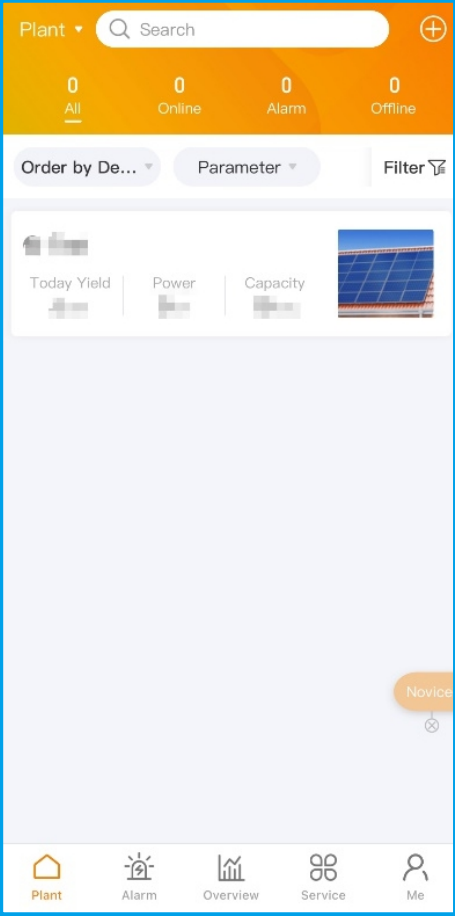
6 Bind the dataloggers

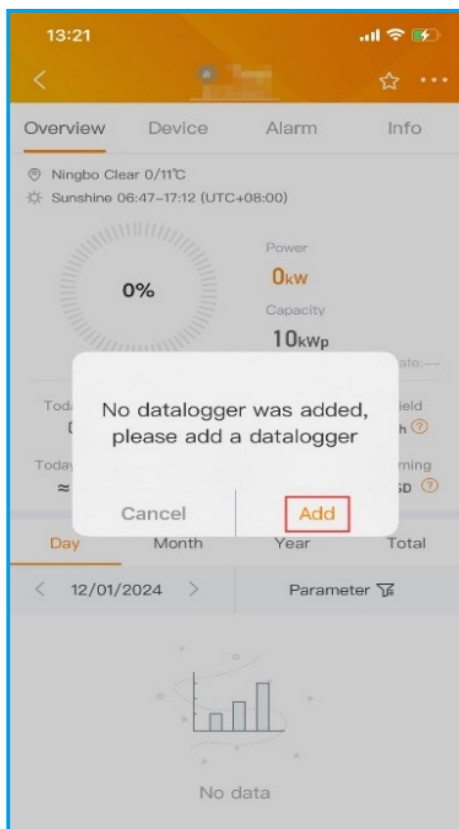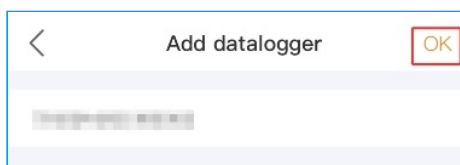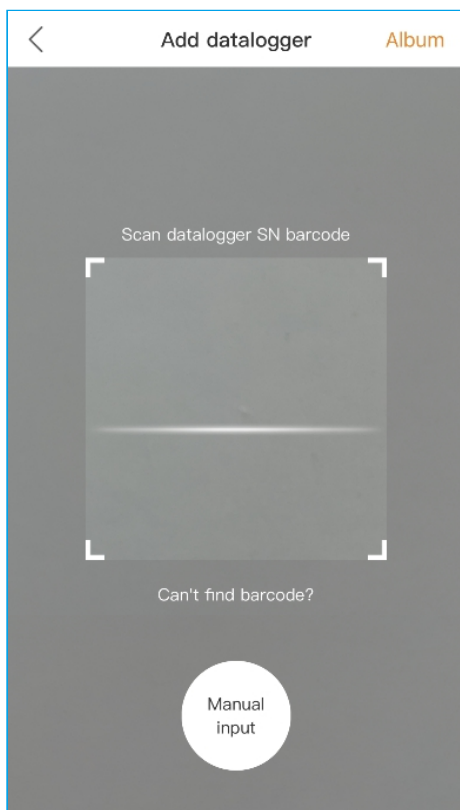Step 1: Click on the plant to enter the plant home page. You will be prompted to add a datalogger, tap "Add" to add the logger.

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

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.
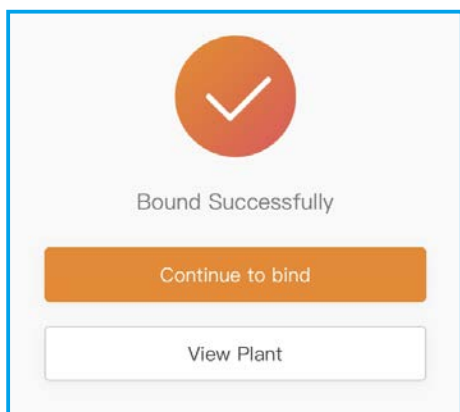
7 Network Configuration

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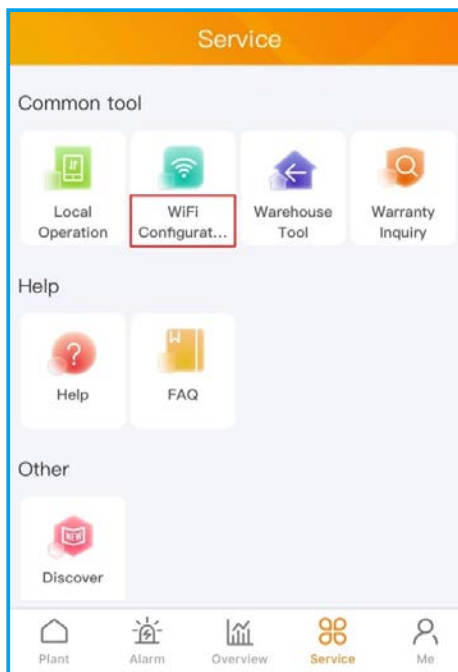
Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click "Next".

Step 3: Choose the configuration method, click
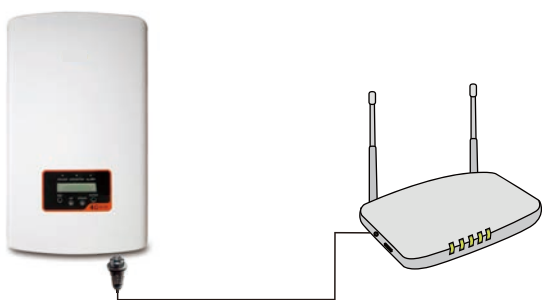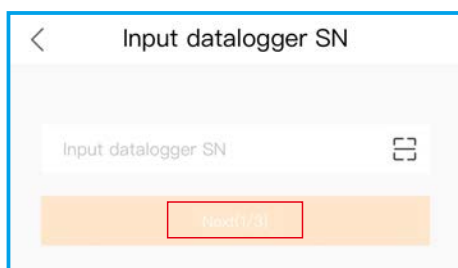" Configuration by Bluetooth ".

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.

Connect to Router

Click to connect router   ⊙

Input router's password

Next(2/3)

< Settings   **WLAN**

WLAN   🟢

✓ ▓▓▓▓▓▓   🔒 🔅 ⓘ

MY NETWORKS

▓▓▓▓▓▓   🔒 🔅 ⓘ

Step 6: Configuration Completed.

Configuration Complete

Configuration Complete

OK(3/3)

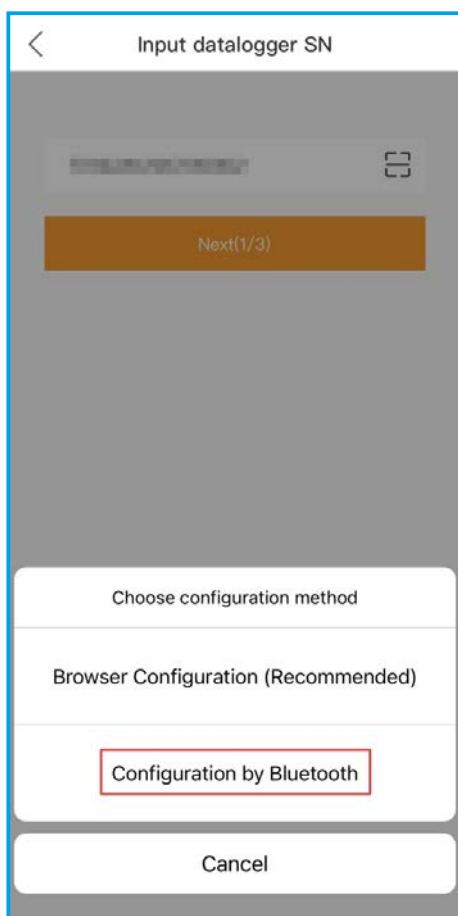### 7.3 WiFi Configuration by Browser

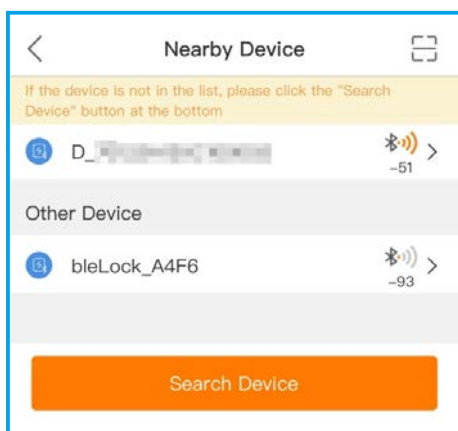Step 1: Click "Service" page to enter "WiFi Configuration" in the toolbar.

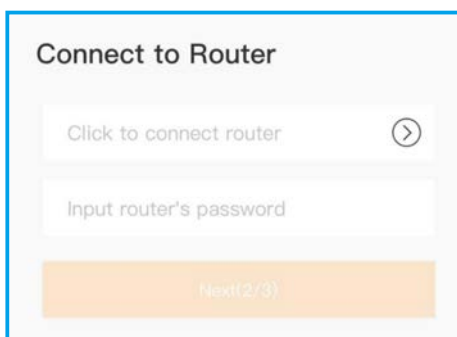Step 2: Scan the QR code on the logger or manually enter the SN of the logger. Then click "Next".

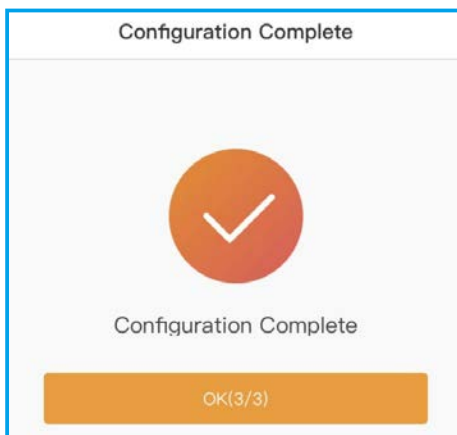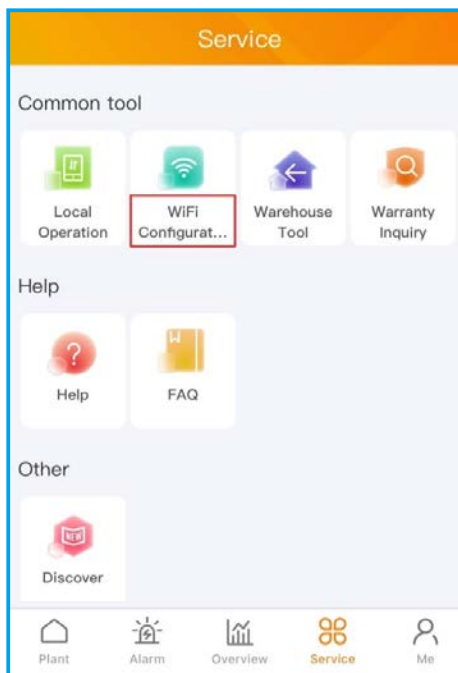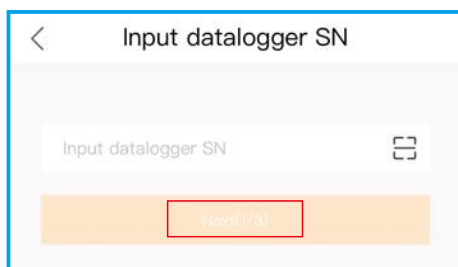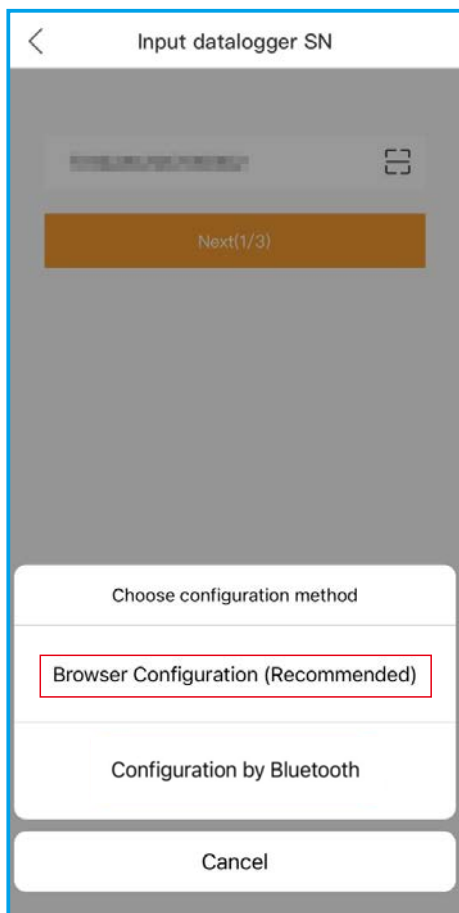Step 3: Choose the configuration method, click "Browser Configuration".

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.
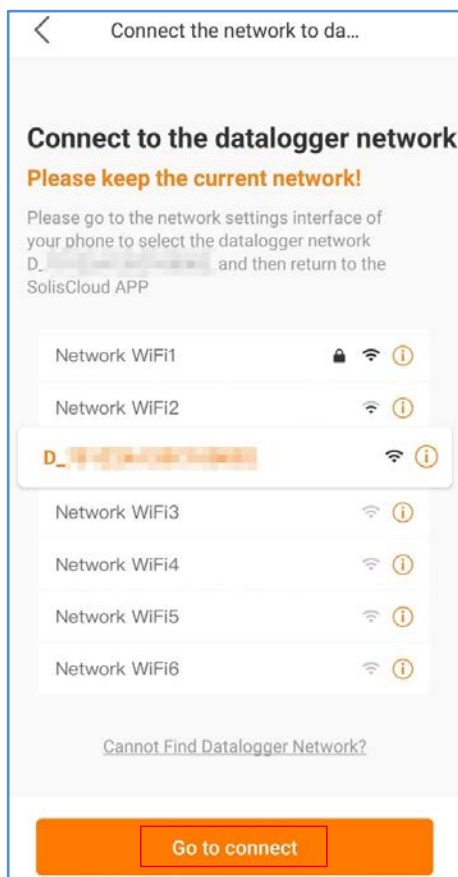
Step 6: Search for Local Area Network and select the network called "D_serial number of the datalogger". Enter the default password "123456789", then return to APP.
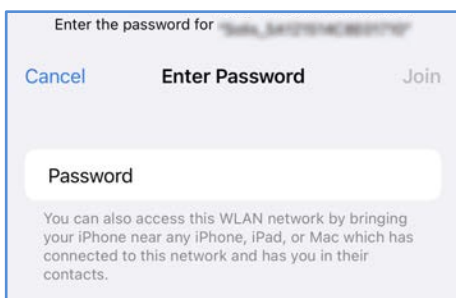
Step 7: Click">", make sure the phone is connected to router WiFi and switch back to the page to fill in the WiFi password, then move to next step.

Step 8: Configuration Completed.

Configuration Complete

Configuration Complete

OK(3/3)
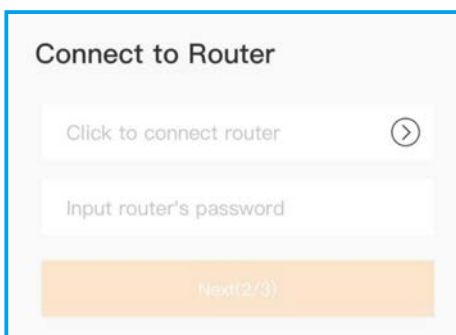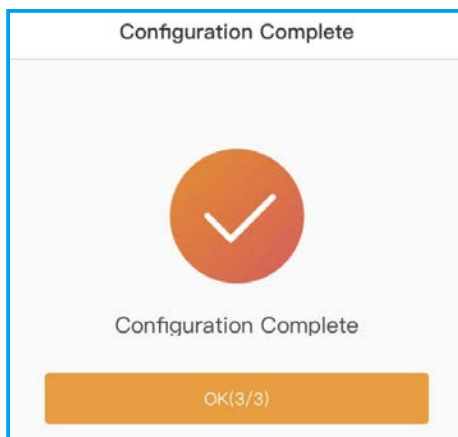
Contact
Please contact us if you have any technical
problems in terms of the product. Please provide
the following information as well:
- ◆ Inverter SN
- ◆ Datalogger SN
- ◆ Problem Description

Ginlong Technologies Co., Ltd.

No. 57 Jintong Road, Binhai Industrial Park,
Xiangshan, Ningbo, Zhejiang, 315712, P.R.China.

Tel: +86 (0)574 6578 1806

Fax: +86 (0)574 6578 1606

Email: info@ginlong.com

Web: www.solisinverters.com