

# Stick Logger Quick Guide

Model : LS4G-6-G

## Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

## RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna nr transmitter

FCC ID: 2A4FR-LS4G-6-G



**Warning:**  
Please remove logger after power off.

## Download APP



SOLARMAN for end user

iPhone: Search "SOLARMAN" in Apple Store.

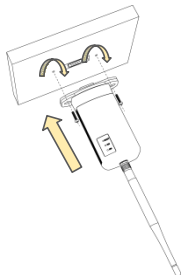
Android: Search "SOLARMAN" in Google Play.



SOLARMAN PRO for business

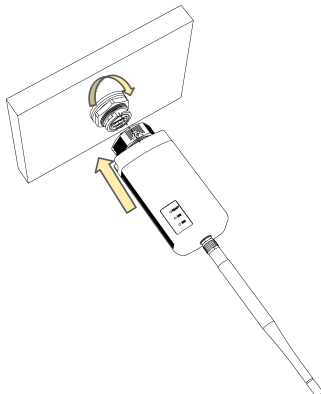
## 1. Stick Logger Installation Type 1

**Step1:** Assemble logger to the inverter communication interface as shown in the diagram.

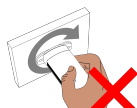


## Type 2

**Step1:** Assemble logger to the inverter communication interface as shown in the diagram.



**Warning:**  
Please do not hold the logger body to rotate while install or remove the logger.



## 2. Logger Status

Lights	Implication	Status Description (All lights are single green lights.)
READY	Logger running status	1.Light off: Running abnormally. 2.On 1s/Off 1s (Slow flash): Running normally.
COM	Communication with inverter	1.Light keeps on: Logger connected to the inverter. 2.Light off: Connection to the inverter failed. 3.On 1s/Off 1s (Slow flash): Communicating with inverter.
SER	Communication with router	1. On 500ms/Off 5s (Slow flash): Green light – 4G connection to the server failed. Blue light – WIFI connection to the router failed. 2. On 1s/Off 1s: Green light – 4G connection to the server succeeded. Blue light – WIFI connection to the router succeeded. 3. Light keeps on: Green light – 4G connection to the server succeeded. Blue light – WIFI connection to the router succeeded.

## APP USER MANUAL

### 1.Registration

Click [Register] to create new account. You can use email or phone number to register.

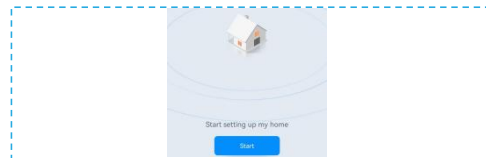


### 2. Create a home

2.1 Click "Start" to create your home on SOLARMAN Smart.

If you have already created a home, you will not see the following page.

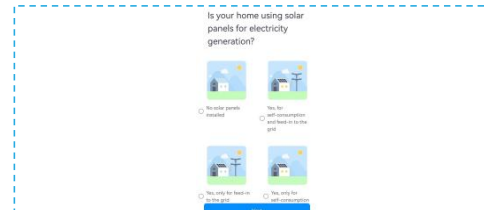
And if you wish to create another home, please click "+" in the upper-right corner and select "Create a Plant".



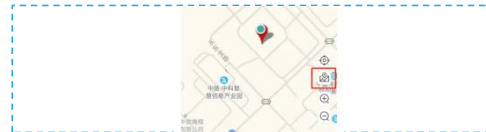
### 2.2 Enter Home Details

Please enter detailed home information according to your actual situation. System will create a unique home for you. In order to calculate plant data precisely, please enter

- Home Name,
- Home Type,
- Grid Type,
- Home Location,
- Other information.



You can click the right icon to switch between 2D Plan and Satellite Map.



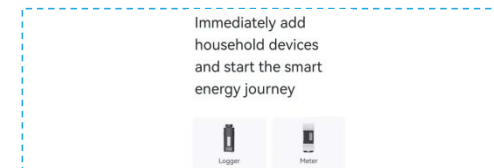
### 3. Add a Logger

#### 3.1 Select a home

1) Go to "Home", click "+" in the upper-right corner, select "Add a Logger", then 「Select a Home」 according to your actual situation.



2) Go to 「Device」, click "Start" to add a logger to the target plant.



#### 3.2 Enter Logger SN

Users can enter logger SN manually or click icon in the right to scan SN.

SN can be found on the product box. If the product box has been lost, you can find SN on product body.



### 3.3 Select Authorization Mode

When you add a logger, it is required to select authorization mode. System will add a device to your plant according to your authorization mode.

#### 1. Select authorized device automatically

Default authorization mode: Select authorized device automatically. If you select this mode, devices connected to logger will be added to the plant automatically.

#### 2. Select authorized device manually

If you select authorized device manually, it is required to select the device connected to logger first, then add the target devices to the plant. If the logger does not have normal networking or devices have no connection with the logger at this period, you can go to 「Device Details」 and add device manually when it runs normally.

#### Notice:

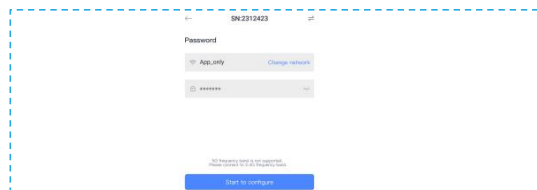
Once the device has been added to the plant, authorization mode cannot be changed. If you want to change the authorization mode, please delete the logger first and add to the plant again.

### 3.4 Finish

After finish adding, you can check logger data on "Device Details" page.

## 4. WiFi Connection Configuration

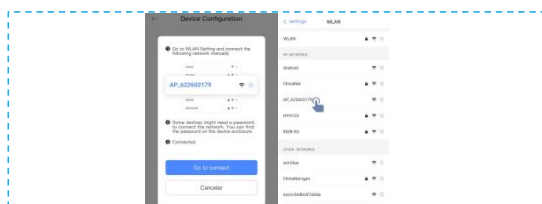
Please make sure your phone has connected to the right WiFi network and click "Start".



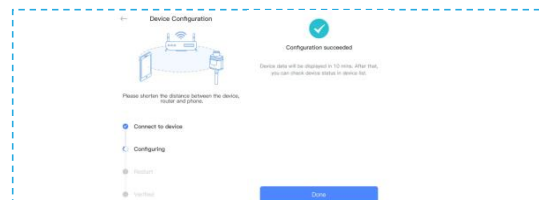
### AP configuration

Go to Phone Settings-WLAN, find the right "AP\_XXXXX" network and click "Go to connect".

Go back to SOLARMAN Smart after your phone has connected to AP network.



Please wait for a while to complete the configuration. System will switch to the Configured Page automatically.



If configuration failure occurs, please check the following reasons and try it again.

1. Make sure WLAN is ON;
2. Make sure WiFi is normal;
3. Make sure wireless router does not implement the white-black list;
4. Shorten the distance between the phone and device;
5. Try to connect to other Wi-Fi;
6. Remove the special characters ( , ; "=" ) in Wi-Fi network.

If you encounter following situations, please reconfigure logger network:

1. Change router
2. Change WiFi password
3. Change router's SSID
4. Enterprise routers may restrict WiFi connectivity.



**Warning:** Please make sure the stick logger is working properly before you leave the site. If there is anything abnormal, please do not leave the site and contact customer service at the first time.  
Customer service number: 400-181-0512

If you have any technical queries about our products, please contact us and provide the following information:

1. Product model and serial number of stick logger.
2. Product model and serial number of connected inverter.

Thank you for your support and cooperation!

## WARRANTY CARD

Dear Customers,

Thank you very much for using our products. In order to provide you with better service, please fill in the warranty card and reserve it carefully.

User Name		Customer Name	
Purchase Date		Customer Phone	
Product Name & Model		Product SN	
Customer Address			
Order No.			
Maintenance Records	Date	Failure Cause and Treatment	

### Warranty Policy

If there is any breakdown which caused by the product's own quality, customers can send the warranty card with the product to our Customer Service Center.

### Notice

1. According to the prescription, the warranty period is 5 years (From the day when you receive the product). During the warranty period, we provide free maintenance service to solve all non-artificial quality problems if the product is under normal usage circumstance. If the product exceeds the warranty period, only maintenance cost will be charged.
2. If the failure of the product is not due to quality problems (such as improper use, improper storage, unauthorized disassembly, etc.), maintenance cost will be charged.
3. Please pay for back goods freight in advance. Freight collect is not accepted.

Support Email: customerservice@solarmanpv.com

Customer Hotline: +86 400 181 0512

Company Address: Block H4, China IoT International Innovation Park, No. 200, Linghu Avenue, Wuxi, Jiangsu, P. R. China