



## **solis S3-WIFI WiFi Stick Datalogger Installation Guide**

[Home](#) » [solis](#) » solis S3-WIFI WiFi Stick Datalogger Installation Guide 



**WiFi Stick Datalogger Quick  
Installation Manual  
Version: 3.1**



## Delivery Content

- 1 WiFi stick
- 1 WiFi Antenna
- 1 Quick Installation Manual

### Contents

- [1 Install the datalogger](#)
- [2 WiFi Configuration](#)
- [3 Create the Soliscloud Account](#)
- [4 Create Plant](#)
- [5 FCC Warning](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)

## Install the datalogger

Connect the data logger 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:



### Install the datalogger:

1. Install the antenna to the datalogger
2. Insert the datalogger to the inverter COM port
3. Rotate the black circle clockwise



#### NOTE

Only rotate the black circle, not the silver cover.



#### NOTE

1. The device must be installed away from the strong magnetic field produced by large electrical appliances such as microwave ovens, refrigerators, telephone, metal walls, etc. Otherwise, the communication quality may be affected. It may also be affected by lighting storms.
2. The [RESET] button on the back is used for the connection.
  - Short press will send the data immediately.
  - Long press for 5 seconds will reset the connection.

The three constantly ON LED lights indicate the datalogger is working normally.

#### LED Lights Status:

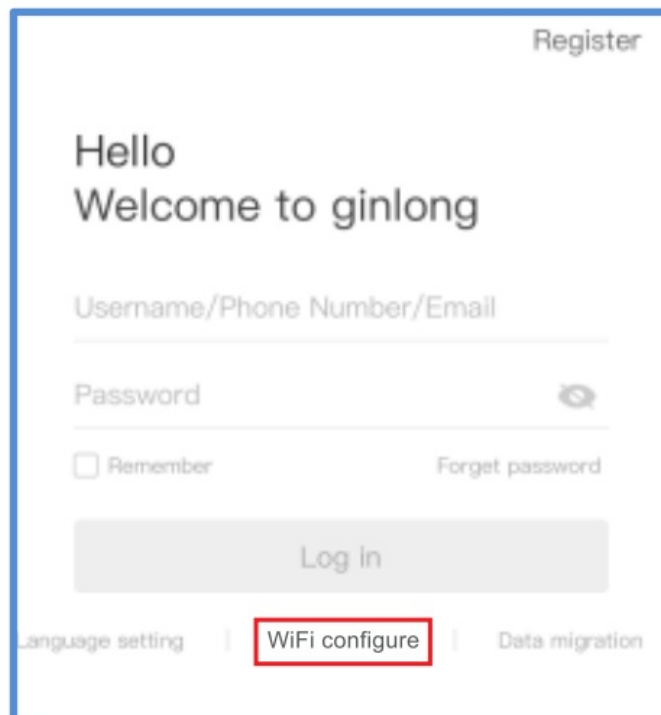
LED indicators	Description	LED Status	Meanings
Internet Indicators •(NET)	Shows the connection status between the datalogger and the server.	Flashing	Trying to connect with the server
		ON connected	Successfully
		OFF	Abnormal connection
Inverter COM Indicators •(COM)	Shows the connection status between the 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

## WiFi Configuration

Step 1: Use your phone to scan the QR code to download and register the Solis Cloud APP. Or directly download from APP Store or Google Play Store by searching “SolisCloud”.

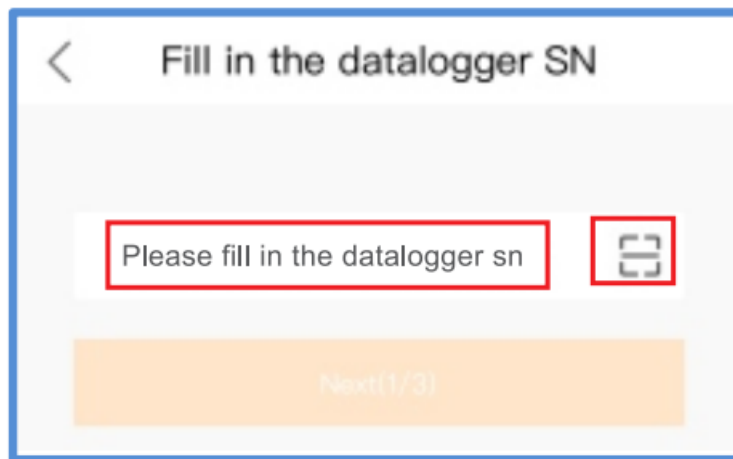


Step 2: If it is a new data logger, please configure it first, then click the “**Willi configure**”.

A screenshot of the SolisCloud app's login and registration screen. The screen has a white background with a blue border. At the top right, there is a "Register" link. Below it, the text "Hello" and "Welcome to ginlong" is displayed. There are two input fields: "Username/Phone Number/Email" and "Password". The password field has a toggle icon for visibility. Below the password field, there is a checkbox labeled "Remember" and a link labeled "Forget password". A large grey button labeled "Log in" is centered below these fields. At the bottom, there are three links: "Language setting", "WiFi configure" (which is highlighted with a red rectangle), and "Data migration".

Please click "WiFi configure"

Step 3: Manually fill in the datalogger SN or Scan the SN on the datalogger.



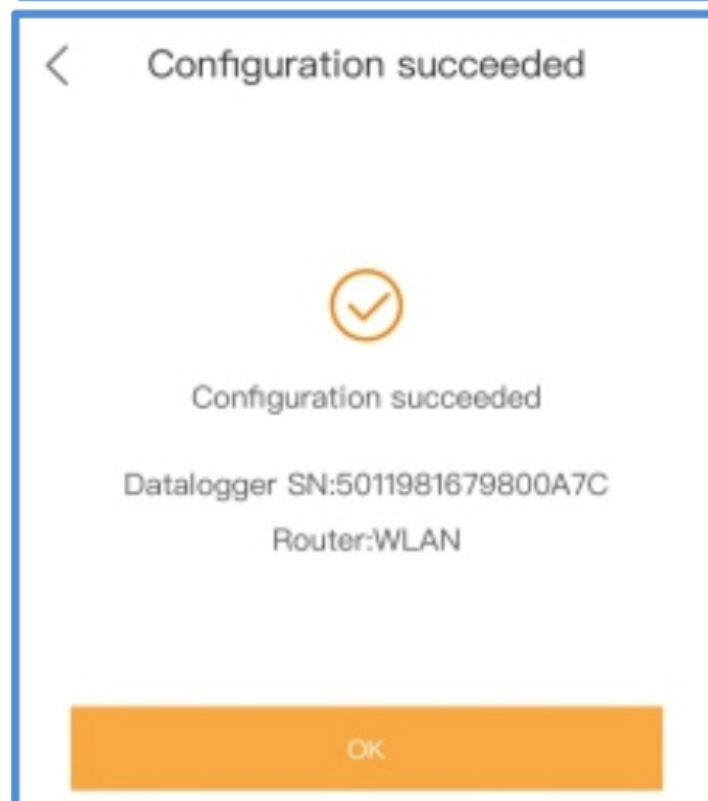
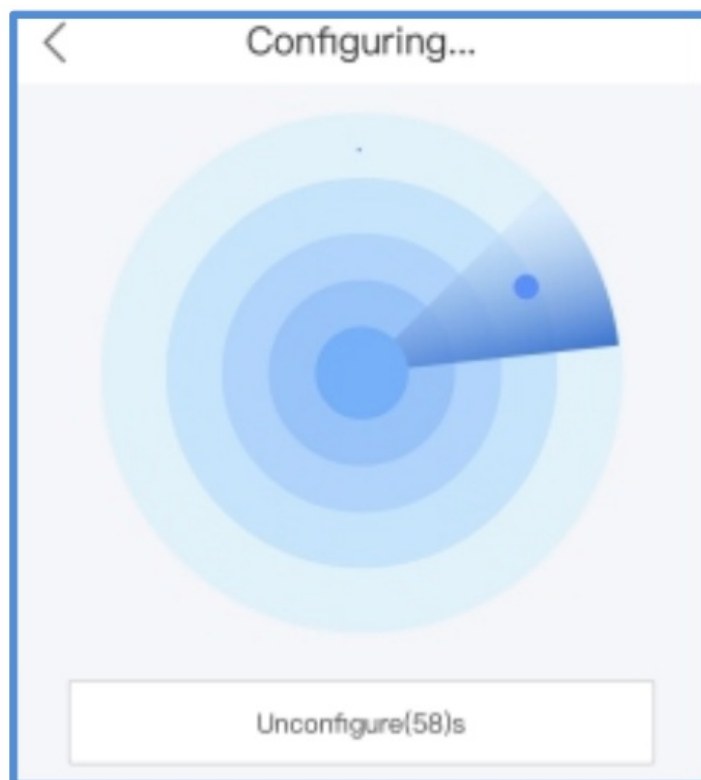
Step 4: Click "➤", make sure the phone is connected to router WiFi, and switch back to the page to fill in the WiFi password, then move to the next step.



Step 5: Long press the "Reset" button for 5 seconds until the yellow and green LEDs are quickly flashing. Then click the "It's flashing".



Step 6: Wait for around 10 seconds. After the configuration is completed, click " "and back to the main page. If failed, re-do the configuration process or contact the after-sale engineers.



## Create the Soliscloud Account

Step1: Select Owner or Installer for email address registration.

< Register

Installer | Owner

China >

Please fill in mobile or... validate

Please input code

Next

Step2: Enter your account and password, then click the “**Register**”.

< Register

Owner

Fill in account

Fill in the 6-16 digit password

Username can contain Chinese/Number/English, but not only Number(Length:2-16)

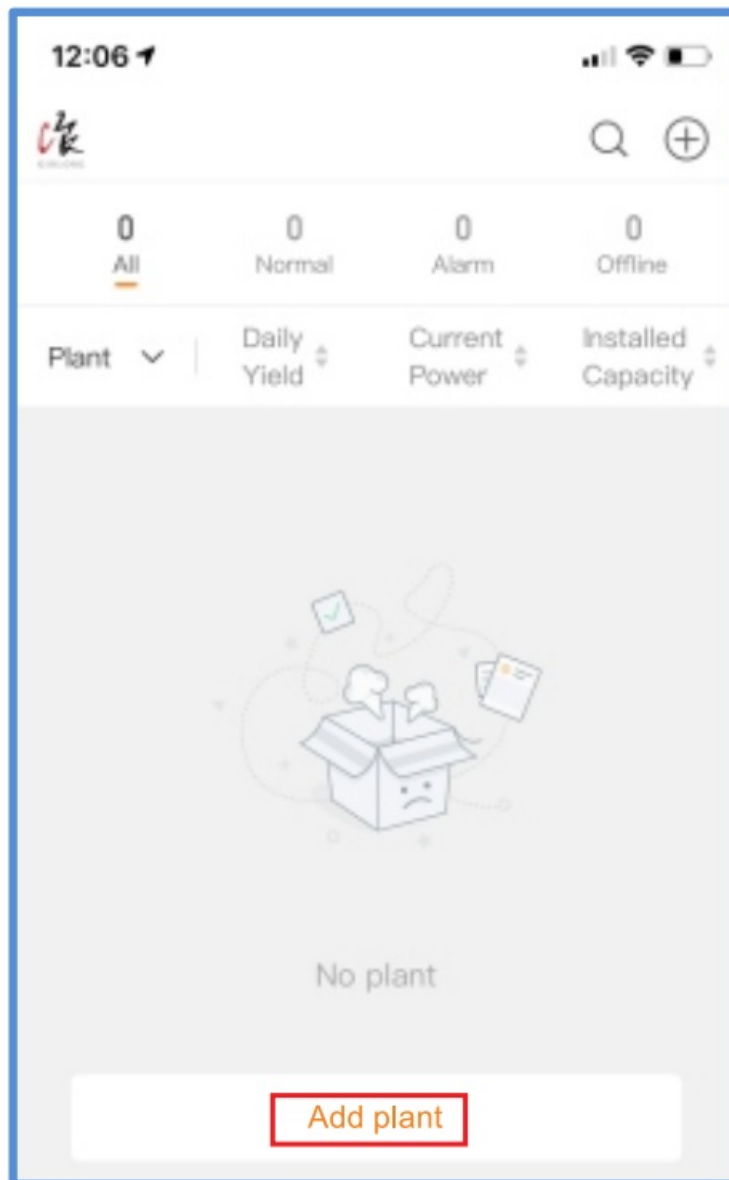
☐ Has readed and agree to the privacy agreement

Register

## Create Plant

Step1: Enter the main page of the Soliscloud APP, and click the “**Add plant**” at the bottom.





Step 2: Input the information about the plant as required. Then click “**Done**”.

<

Create a plant

Done

Plant Name

★ Please enter the plant n...

Rated Power(kWh)

★ Please input Rated Power

Location

China Zhejiang Ningbo >

Plant Address

Ningbo Ginlong Technologies Co.,Ltd.

Owner Mobile

Fill in the owner's phone...

Installer

Please select Installer >

Currency

CNY >

Earning per kWh(CNY/kWh)

0.3949

Azimuth(°)

Please fill in the azimuth

Inclination(°)

30

Timezone

(UTC-12:00) Sun Line West >

Installation date

2020-04-03 >

Plant picture

Only upload jpg/png files, and no more than

Step 3: Confirm the plant information.  
Click **“Create a plant”**.

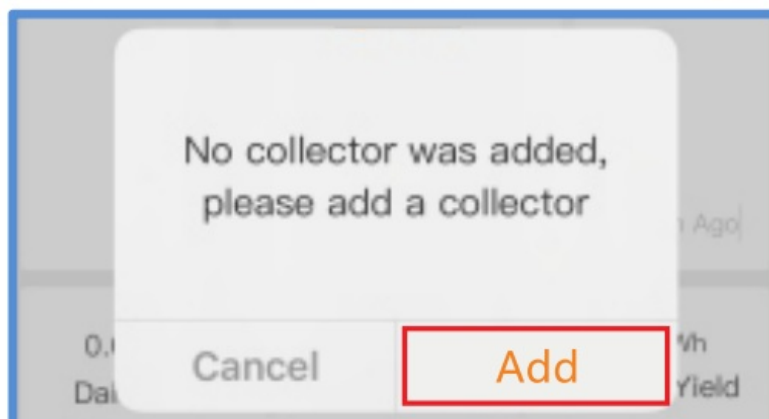
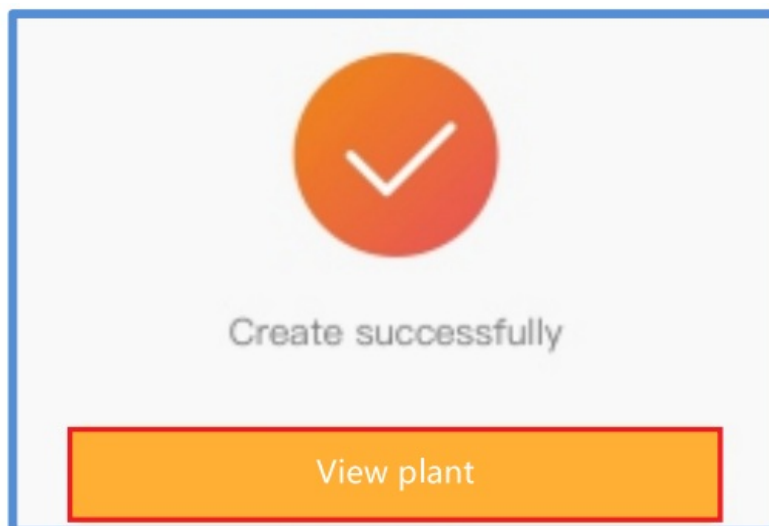
< Create a plant Done

Plant Name	test
Rated Power(kWh)	5
Location	China Zhejiang Ningbo
Plant Address	Ningbo Ginlong Technologies Co.,Ltd.
Currency	CNY
Earning per kWh(CNY/kWh)	0.3949
Inclination	30
Timezone	(UTC-12:00) Sun Line West
Installation	2020-04-03

Cancel Create a plant

Timezone (UTC-12:00) 日界线西 >

Step 4: Click “**View plant**” to enter the plant homepage, then add the datalogger.



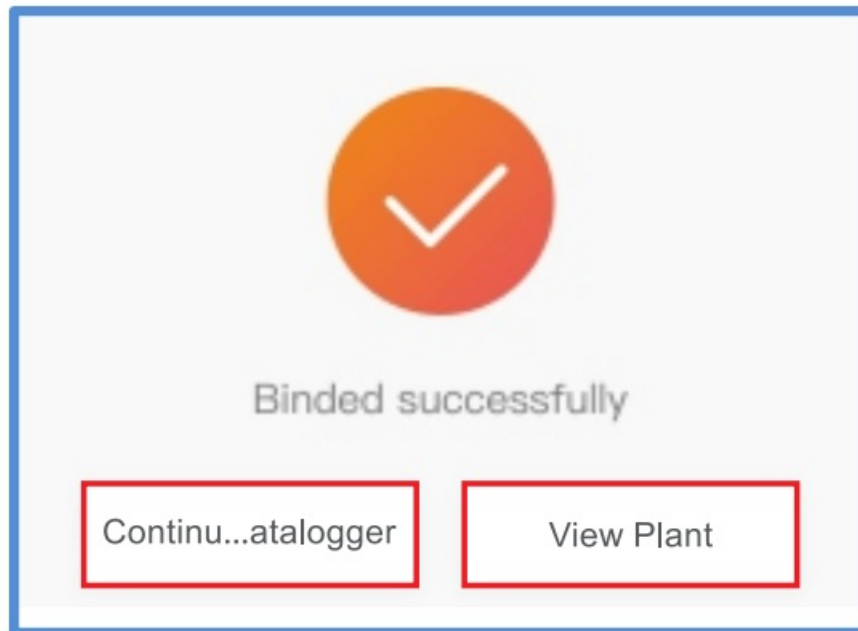
Step 5: Scan the SN number of the datalogger or manually input it.



Note: Scan the **datalogger SN**, NOT the **inverter SN**.



Step 6: Plant creation succeeds. Click “**Continue...datalogger**” to check the monitoring data. If the plant has multiple data loggers, please click “**View Plant**”.



## FCC Warning

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. Any 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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

## 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](mailto:info@ginlong.com)

Web : [www.ginlong.com](http://www.ginlong.com)

## Documents / Resources



[solis S3-WIFI WiFi Stick Datalogger](#) [pdf] Installation Guide

S3-WIFI, S3WIFI, 2AWE8-S3-WIFI, 2AWE8S3WIFI, S3-WIFI WiFi Stick Datalogger, WiFi Stick Datalogger