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

WiFi Stick Datalogger
Quick Installation Manual

Version: 3.4

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 sliver cover.

4. 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 "daisy chain" manner.
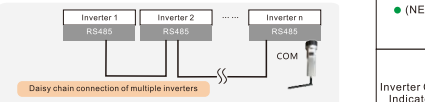
5. After the datalogger is installed on the inverter, if the inverter is powered on, you need to set the inverter slave address, the first inverter is "01", the second inverter is "02". And so on.

⚠ NOTE

1. 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 lightning storm.
2. The [RESET] button on the back is used for connection.
   Short press will send the data immediately.
   Long press for 5 seconds will enter into config mode for connection router.
   Long press for 10 seconds will reset the connection.
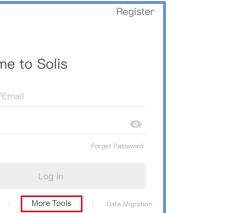   The three constantly ON LED lights indicate the datalogger is working normally.

LED Lights Status:

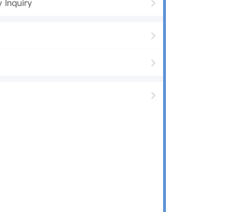| LED indicators	Description	LED Status	Meanings
Internet Indicators (NET)	Shows the connection status between the datalogger and the server	Flashing	Trying to connect with server
		ON	Successfully connected
		OFF	Abnormal connection
Inverter COM Indicators (eCOM)	Shows the connection status between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

2 WiFi Configuration

Step 1: Use you 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 "Solis Cloud"

Solis Cloud

Step 2: If it is a new datalogger, please configure it first, then click the "WiFi configure".

Step 3: Manually input datalogger SN or Scan the SN on the datalogger.


Input datalogger SN

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 next step.

Connect to route

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".

Start to configure

Please open the configuration mode of the collector

If you have logged in, please click "Tool" to enter "WiFi Configuration"
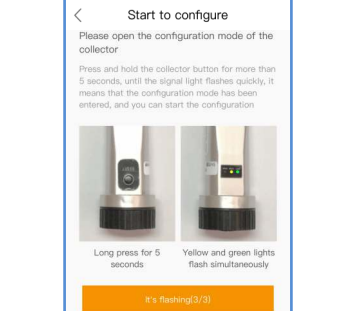
Step 6: Wait for around 10 seconds. After the configuration completed, click "OK" and back to the main page, then skip to ①.
If multiple re-do the configuration still fail, please perform web configuration.

Configuring...

Configuration succeeded
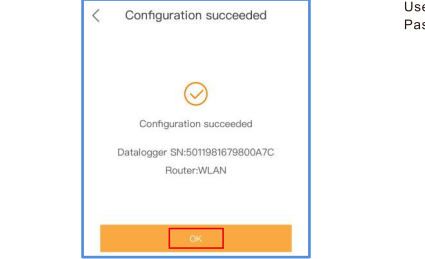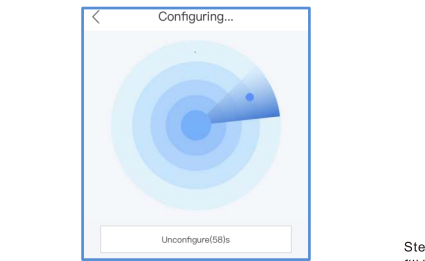
Step7: The wireless device (mobile phone or laptop) connects to the datalogger hotspot (Solis_serial number). The Password is 123456789

Settings   WLAN

Step8: Open a web browser, enter 10.10.100.254, fill in the Username and Password, click Log in.
Username: admin
Password: 123456789

Log in to 10.10.100.254
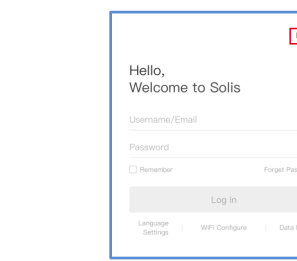Your password will be sent unencrypted.
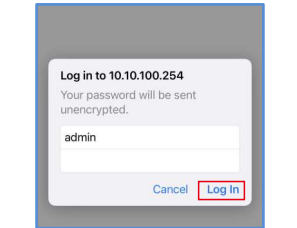
Step9: Select Quick Set, search the router WiFi, and enter the password. Click Save, and appears the setting success interface.
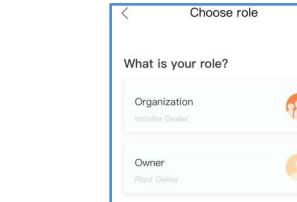If failed, please re-do the configuration process or contact the after-sale engineers.
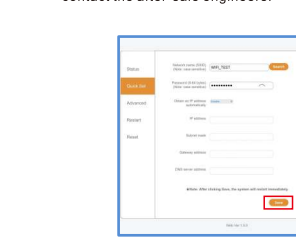
3 Create the Solis Cloud Account

Step 1: Click the "Register".

Hello,
Welcome to Solis

Step2: Select Owner or Organization for email address registration.

Choose role

What is your role?

Organization
Owner

Step3: Enter the email to get the verification code, then enter your account and password, last click the "Register".
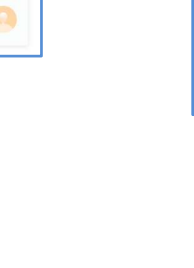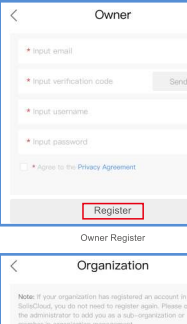

Owner

Organization

4 Create Plant

Step1: Enter the main page of Solis Cloud APP, click "+" at the top right corner and select "Add plant".
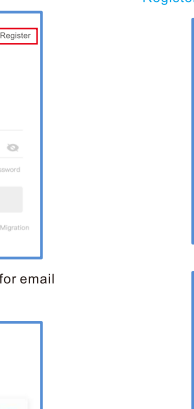
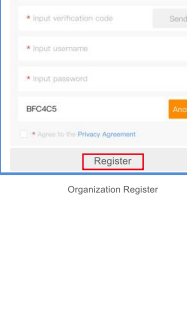**Step 2:** Input the information of the plant as required.
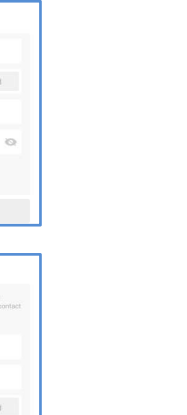

Create Plant

Step3: Confirm the plant information. Click "Create plant".

Step4: Click "View plant" to enter the plant homepage, then add the datalogger.

Create successfully

Step 5: Scan the datalogger SN QR code or manually input it.

No collector was added, please add a collector

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

Step 6: Plant creation succeeds. Click "Continue, dialogger" to check the monitoring data. If the plant has multiple dataloggers, please click "View Plant".

Stored successfully