

## Linstall 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:



## WiFi Stick Datalogger Quick Installation Manual

Version: 3.4



Delivery Content 1 WiFi stick 1 WiFi Antenna 1 Quick Installation Manual



Match the joint

# 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.

If you need to collect data from multiple inverters, LED Lights Status: please follow the inverter user manual to establish a communication connection with the inverter using



the RS485 communication cable in a "daisy chain"

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.

#### I NOTE

manner.

- 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 lighting 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 indicators	Description	LED Status	Meanings
	Shows the	Flashing	Trying to connect with server
Indicators sta	connection status between the datalogger	ON OFF	Successfully connected
. ,	and the server.		Abnormal connection
		Flashing	Trying to connect with inverter
Inverter COM Indicators (COM)	Shows the connection status between	ON	Successfully connected
,	datalogger and the inverter.	OFF	Abnormal connection
Power		ON	Datalogger is powered up normally
status c	status of the datalogger.	OFF	Datalogger is powered up abnormally

## 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".



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

Hello, Welcome to Solis	Regist
Username/Email	
Password	0
Remember	Forget Password
Log in	
Language   More Tools	Data Migrat

Unlogged account, click on "More Tools" and select "WiFi Configuration"



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



Step 4: Click "o", 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 rout	e
	ck to connect router	0

#### Step 5: Long press the "Reset" button for 5 seconds until the yellow and green LEDs are guickly 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 3. If multiple re-do the configuration still fail, please perform web configuration.



Unconfigure(58)s

Configuration succeeded

Configuration succeeded

Datalogger SN:5011981679800A7C Router:WLAN



Step7: The wireless device (mobile phone or laptop) Step9: Select Quick Set, search the router WIFI, and Step 1: Click the "Register". connects to the datalogger hotspot (Solis serial number). The Password is 123456789

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Settings WLAN WLAN ✓ Solis\_50121408EC70... ≜ 奈 ( MY NETWORKS WIFI\_TEST . OTHER NETWORKS Ginlong

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.

admin Cancel Lo 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.







Create the Solis Cloud Account

Step2: Select Owner or Organization for email address registration.

< Choose	role
What is your role?	
Organization	18
Owner Plant Owner	

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

# Owner Register Owner Register



Organization Register

## 4 Create Plant

Step 1: Enter the main page of Solis Cloud APP, click Step 2: Input the information of the plant as required. "+"at the top right corner and select "Add plant".

Then click "Done".

\* Time Zone

\* Currency

				-	
		-	+ Add pla	int	
Daily Yield	Current e Power	5	-] Scan		
O Dsouza	Clinton	(	Plant Lo	ocation	
Daily Yield	Current Power	Installed			
O coo kiwhi	0 020 MW	5.000 KWY	_		
				Concer	

Plant Name	Input plant nam
Installed Capacity(kWp)	Installed Capacit
Area	Location
Plant Address	Input detailed addres
Earning per kWh	Input Earning per kW
ganization ide	Input Organization Code
ld Guest 🔘	
italler Phone	Input installer phon
italler Email	Input installer's ema
odule	Input number of module
ant Type	Residential
id Connection	Entire Energy to Grid

Create Plant

o plane	
	nit marne
tes	Plant Nam
	Rated Power(kWh)
China Zhejiang Ningb	Location
Ningbo Ginlon Technologies Co.,Lto	Plant Address
CN	currency
0.394	Earning per kWh(CNY/kWh)
3	Inclination
-12:00) Sun Line Wes	Timezone (U1
2020-04-0	Installatior
Create plant	Cancel
(UTC-12:00) 日界线	nezone

Step 3: Confirm the plant information.

< Create plant

Click "Create plant".

Step 4: Click "View plant" to enter the plant homepage, then add the datalogger.



Step 5: Scan the datalogger SN QR code or manually Step 6: Plant creation succeeds.Click input it.



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



"Continu...atalogger" to check the monitoring data. If the plant has multiple dataloggers, please click "View Plant".



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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