

# 上 Install

# 1.1 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:



# WiFi Stick Datalogger Quick Installation Manual

Version: 3.6



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

Match the joint

# Install the datalogger:

1. Install the antenna to the datalogger. 2. Match the joint, and then insert the datalogge to the inverter COM port. . Rotate the black ring in clockwise.



I NOTE

Only rotate the black ring at the connection end. not rotate the sliver cover.

## 1.2 Install with multiple inverters

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.



After the datalogger is installed on the inverter, if the inverter is powered on, you need to set the inverter slave address, the default slave address of the inverter is 01, and each inverter on the communication circuit needs to be assigned with different slave address(like 01,02,03,04...).

# I NOTE

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.



Description LED Meanings -----Flashing Trying to connect with server etween ON Successfully atalogger Abnormal -----Flashing with inverter COM Shows the ON Successfully dicators connection connected the inverter. Indicator
 e(PWR)
 status of the
 datalogger.
 Datalog abnormall .

### Button Instruction:

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.

# J.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 if first, then click the "WiFi Configuration".

		Register
	Hello, Welcome to Solis	
	Username/Email	
	Password	<sup>®</sup>
	Remember	Forget Password
	Log in	
	Language   More Tools	Data Migration
Unlogged a	account, click on "More Tools" a	and select "WiFi Config
	Warranty Inquiry	>
	금 Tool	
	① About	
	Settings	

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

> Input datalogger SN ..... Input datalogger SN

Step 4: Choose the configuration method, recommended click "Brower Configuration

7012102962F01495
Select Configuration Method
Browser Configuration (Recommended)
Configuration by Bluetooth
One-key Network Configuration
Cancel

Step 5: Long press the "Reset" button for 5 seconds Step 6: ( until the yellow and green LEDs are guickly flashing. Then click the "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 stab That means, the red light on the datalogger keeps on, and the green light flashes ever 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 sid 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 the indicator light of the datalogger to be stab (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.

	Connect the network to date	talogger	the WiFi password, then move to next s
			Connect to route view the to
	Connect to the datalog	gger	
	network Solis		Connect to route
	Please make sure the current V be switched	WiFi signal	Click to connect router
	Please go to the network setting of select the datalogger network Solis_5a121514c8e01710, then return		Input router's password
	Network WiFi0	• <del>?</del> ()	Nor(273)
	Network WiFi1	≜ 奈 🕕	
1	Solis_5a121514c8e01710	<b>∻</b> ()	Step 9: Configuration Complete.
top) cor spot( <mark>Sc</mark>	Cannot Find Datalogger Network e wireless device(mobil nnects to the datalogge blis_serial number).	le phone or r	Configuration Complete
top) cor spot( <mark>Sc</mark>	e wireless device(mobil nnects to the datalogge	le phone or r 89.	Configuration Complete
top) cor spot(Sc defaul	e wireless device(mobil nnects to the datalogge olis_serial number). It password is 12345678	le phone or r 89.	Configuration Complete Configuration Complete
top) cor spot(Sc defaul	e wireless device (mobil nects to the datalogge olis_serial number). It password is 1234567{ Enter the password for "50%_5A12161	le phone or r 89. 44C8E01710*	
top) cor spot(Sc defaul	e wireless device(mobil nnects to the datalogge olis_serial number). It password is 12345671 Enter the password for "Sola_SA12151 Cancel Enter Password	le phone or r 889. Join	Configuration Complete OK(3/3) The satting is successed, the logger will try connect to the corresponding Will source. Note:
top) cor spot(Sc e defaul	e wireless device(mobil nnects to the datalogge blis_serial number). It password is 12345671 Enter the password for "Sola_SA12161 Cancel Enter Password Password Voor can alore access this VIU-M network Voor can alore access this VIU-M network Voor can alore access this VIU-M network	le phone or r 889. Join	Configuration Complete Configuration Complete Ord2/31 The setting is successed, the logger will by connect to the corresponding Will source. Note: 1. It takes about f minute for the datalogger connect to historiest. If there are included period to the interest, if the green included light on the logger is advance or, if means the the logger is apply connected to the history
top) cor spot(Sc e defaul	e wireless device(mobil nnects to the datalogge olis_serial number). It password is 12345671 Enter the password for "Sola_SA1261 Cancel Enter Password Password Password Password	le phone or r 889. Join	Configuration Complete Configuration Complete

After that, return to APP.

Create the Solis Cloud Account , make sure the phone is connected Step 1: Click the "Register" d switch back to the page to fill in

	Regis
Hello, Welcome to Soli	sCloud
Usemame/Email	~
Password	0
I have agreed Privacy Policy	
Log in	
Remember	Forgot Password
Language More Tools	Data Migration

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

Owner	
Registration Method	
Input email	
Input verification code	Send
User Name	
Password	
Input 6 to 32 letters, sym	bols and 🕲
Time Zone	
(UTC+08:00) PRC	
* I have agreed Privacy Pol	ley
Registe	r
Owner Reg	ister

Organization		Step1: Enter the main page of Solis C	lc
Note: If your organization has registered an acc in SolisCloud, you do not need to register again Please contact the administrator to add you as	a sub	"+"at the top right corner and select "A	10
organization or member in organization manage * Organization (Company) Name	eroent.	Plant • Q Search	
Input 2 to 80 characters		165100 77921 Add plan	t
Registration Method		Order by De Pan Scan	
		Plant Loi	ca
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32 letters, symbols and	0	Today Yield Current Power Capacity	7
tion Code		O kwh O kw 4.39 kwp	
	C	<ul> <li>Q —</li> <li>Q 60,Raatte,Haarte,Overijssel,Paises Bajos</li> </ul>	ali
one		Borst	
08:00) PRC	2	Today Yield Current Power Capacity	1
agreed Privacy Policy		O kow 4 komp	
		C De Mailingman Battery	
		Today Yield Current Power Capacity	7
Decision		Plant Alarm Descriver Discover	

Organization Register

# 6 FCC Certification

r and select "Add plant" .



* Plant Type	Select Plant Type >
<ul> <li>Installed Capacity(kWp)</li> </ul>	Input the total capacity
* Area	Location @
* Address	Input detailed address
* Time Zone	
* Currency	USD >
<ul> <li>Earning per kWh(USD/kWh)</li> </ul>	Input Earning per kWh
Organization Code	EF1E1F >
Set Owner 🞯	
Add Guest 🔘	$\oplus$
Installer Email	Input installer email
Installer Phone	Input installer Phone
	Input number of modules
Module	
Module Grid Connection Type	Entire Energy Exported >

More Settings (

Inclination

Remark 1

Remark 2

Remark 3

Azimuth

Then click "Done".

Create Plant

Input remark

Input remark

\* Plant Name Input plant name 2-6

page of Solis Cloud APP, click Step 2: Input the information of the plant as required. Step 3: Confirm the plant information. Click "Create plant".

\_\_\_\_\_

ate Plant	Cre
tex	Plant Name
Residentia	Plant Type
Location	Area
Ningbo Zhejian	Address
(UTC-05:00) US East-Indian	Time Zone
USI	Currency
0.39	Earning per kWh(USD/kWh)
EF1E1	Organization Code
Entire Energy Exporter	Grid Connection Type
0	Azimuth
30	Inclination
Create Plant	Cancel

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 "Continue to This device complies with part 15 of the FCC Rules. input it.



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



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



# Operation is subject to the following two conditions: This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 minimum distance 20cm between the Web : www.ginlong.com 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

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