

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:



GPRS Stick Datalogger Quick Installation Manual

Version: 3.3



Delivery Content 1 GPRS Stick 1 GPRS Antenna 1 Quick Installation Manual

Install the datalogger:

1. Install the antenna to the datalogger. 2. Match the joint, and then insert the datalogger to the inverter COM port. 3. Rotate the black ring in clockwise.

Match the joint



III 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...)

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.

.3 Set APN

Edit message: AT+QICSGP=<mode>,<apn>,<username>, sword>to the number of SIM card. If it works, it will reply "OK".

	Description
<mode></mode>	Default 1
<apn></apn>	The current APN, pls refer to network operator about APN
<username></username>	APN name, defined by user
<password></password>	APN password, defined by user

Refer to the figure below as an example.







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

LED and Button

LED Description

Internet connection

(COM) status between

Indicator (DWP) power supply status of the

Button Instruction:

Shows the

and the server.

datalogger and

Shows the

datalogger.

LED

Status

Indicators status between ON Successfully

(NET) the datalogger _____ connected

the inverter. OFF Abnormal connection

Inverter COM Shows the Indicators connection ON Successfully connected

Meanings

Flashing Trying to connect with server

connected

connection

Datalogger is

Datalogger is

abnormally

OFF Abnormal

ON powered up

OFF powered up

normally

Flashing Trying to connect with inverter

LED Lights Status:

indicators

Power

(PWR)

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

Create the Soliscloud Account

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 "SolisCloud".



Step 2: Open the APP and click register.



Hello, Welcome	to Solis	sClo	ud
Username/Ema			~
Password			ø
I have agreed Priv	acy Policy		
	Log in		
Remember		Forgot	Password
Language	More Tools		Data Migration

Step3: Select Owner or Organization for email address registration.



Step4: Enter the email to get the verification code, then enter your account and password, last click the

Owner	
* Registration Method	
Input email	
Input verification code	Send
* User Name	
Input 2 to 60 English letters,	
* Password	
Input 6 to 32 letters, symbols	s and 🕲
* Time Zone	
(UTC+08:00) PRC	
• I have agreed Privacy Policy	
Register	

Organization	
Note: If your organization has registered in SolisCloud, you do not need to registe Please contact the administrator to add y organization or member in organization n	again. ou as a sub-
* Organization (Company) Name	
Registration Method	
Input verification code	Send
* User Name	
* Password	
Input 6 to 32 letters, symbols and	Q
* Organization Code	
541248	
* Time Zone	
(UTC+08:00) PRC	
• I have agreed Privacy Policy	

4 Create Plant

Step1: Enter the main page of Solis Cloud APP, click "+"at the top right corner and select "Add plant" .



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Plant Alarm Overview Discover Me

Step 2: Input the information of the plant as required. Then click "Done".

< Crea	ite Plant Dor
* Plant Name	Input plant name
 Installed Capacity(kWp) 	Installed Capacity
* Area	Location (
* Plant Address	Input detailed address
* Earning per kWh	Input Earning per kW
Organization Code	Input Organization Code
Add Guest 🔘	
Installer Phone	Input Installer phone
Installer Email	Input installer's emai
Module	Input number of modules
Plant Type	Residential
Grid Connection Ø	Entire Energy to Grid
* Time Zone	
* Currency	

Step 3: Confirm the plant information. 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 input it.

t cinvdefinel





Binded successfully _____ Continu...atalogger View Plant

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



Organization Register



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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