

## 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 datalogge 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.

### 1.3 Set APN

Edit message: AT+QICSGP=<mode>,<apn>,<username>, <password>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.







# LED and Button

LED Lights Status:

LED indicators	Description	LED Status	Meanings
	Shows the	Flashing	Trying to connect with server
Internet Indicators • (NET)	connection status between the datalogger and the server.	ON	Successfully connected
		OFF	Abnormal connection
		Flashing	Trying to connect with inverter
Inverter COM Indicators (COM)	M Shows the connection status between datalogger and the inverter. OFF Abnormal connection	Shows the connection status between	Successfully connected
		OFF	Abnormal connection
Power	r Shows the power supply status of the datalogger. OFF Detailing power of the datalogger. Detailing power of the datalogger is power of the power of the power of the datalogger.	Datalogger is powered up normally	
•(PWR)		OFF	Datalogger is powered up abnormally

### 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.

# 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.

		Regis
Hello, Welcome	to Soli	sCloud
Username/Err	ail	~
Password		Ø
I have agreed F	Vivacy Policy	
	Log in	
Remember		Forgot Password
Language	More Tools	Data

Step3: Select Owner or Organization for email address registration.



"Register"

### 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 ar in SolisCloud, you do not need to register a Please contact the administrator to add yo organization or member in organization ma	i account igain. i as a sub- nagement.
* Organization (Company) Name	
* Registration Method	
Input verification code	Send
* User Name	
	ure n
* Password	
Input 6 to 32 letters, symbols and.	Ø
* Organization Code	
541248	
* Time Zone	
(UTC+08:00) PRC	
* I have acreed 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 M

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

< Crea	te Plant Do
* Plant Name	Input plant nam
* Installed Capacity(kWp)	Installed Capacit
* Area	Location
* Plant Address	Input detailed addres
* Earning per kWh	Input Earning per kW
Organization Code	Input Organization Code
Add Guest 🔘	
Installer Phone	Input Installer phon
Installer Email	Input installer's ema
Module	Input number of module
Plant Type	Residential
Grid Connection OType	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.





Binded successfully \_\_\_\_\_ Continu...atalogger View Plant 

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

Can't find barcode



Register

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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