WL Stick Datalogger Quick Installation Manual

Version: 1.0

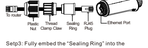
Delivery Content
> 1 WL stick
> 1 Quick Installation Manual

1 Install

Install the network cable

Setp1: Remove the "Plastic Nut", "Thread Clamp Claw", and "Sealing Ring" in turn.

Setp2: Pass the network cable plug through the "Plastic Nut", "Thread Clamp Claw", and "Sealing Ring" (with opening) in the direction as shown in the figure below.



Setp3: Fully embed the "Sealing Ring" into the "Thread Clamp Claw".

Setp4: Connect the "RJ45 Plug" to the datalogger and tighten the "Plastic Nut".

NOTE

Due to limited space, only RJ45 plug without protective shell can be used.

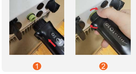
Install the datalogger

Connect the datalogger to the corresponding 4-pin COM port of the inverter. A Solis SK inverter is used here as an example.
Please follow the instructions below:

Match the joint

Install the datalogger:

1. Insert the datalogger to the inverter COM port.
2. Rotate the black circle clockwise.



NOTE

Only rotate the black circle, not the silver 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 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 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 ○(COM)	Shows the connection status between datalogger and the inverter	Flashing	Trying to connect with inverter
		ON	Successfully connected
		OFF	Abnormal connection
Power Indicators ●(PWR)	Shows the power supply status of the datalogger.	ON	Datalogger is powered up normally
		OFF	Datalogger is powered up abnormally

NOTES

WL Stick automatically obtains IP by default.
If the network cable supports automatically obtains IP, please jump to "3." for APP registration.
If network cable do not support obtains IP automatically , please continue to follow "2." for IP settings.

2 LAN configuration

Step 1: Enter 10.10.100.254 in the web browser, open the following configuration interface. Enter Username Admin and Password 123456789.

Step 2: Select the "WAN port setting"and "Static IP". Enter IP address, Submit mask, Gateway address, DNS sever address for network cable. Then click the "Save".

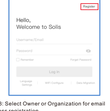
Step 3: The following interface pops up to indicate that the setting is successful. Otherwise please try LAN configuration again.

3 Soliscloud APP

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".

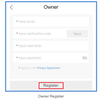
Solis Cloud

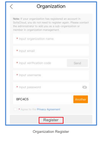
Step 2: Click the "Register".



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 "Register".





Organization Register

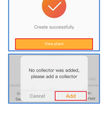
4 Create Plant

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. Then click "Done".

Step 3: Confirm the plant information. Click "Create plant".

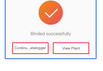
Step 4: Click "View plant" to enter the plant homepage , then add the datalogger.



Step 5: Scan the SN number of the datalogger or manually input it.

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

Step 6: Plant creation succeeds.Click "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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