



WL Stick Datalogger Quick Installation Manual

Version: 1.0



Delivery Content

■ 1 WL stick

■ 1 Quick Installation Manual

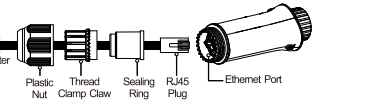


1 Install

Install the network cable

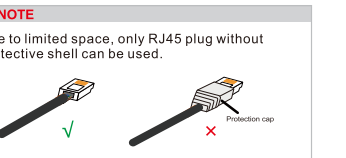
Setp1: Remove the "Plastic Nut", "Thread Clamp Claw", and "Sealing Ring" in turn.

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".



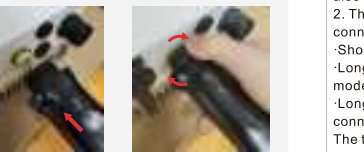
Install the datalogger

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:



Install the datalogger:

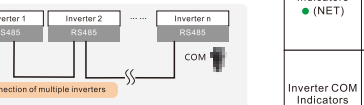
1. Insert the datalogger to the inverter COM port.
2. Rotate the black circle clockwise.



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.

NOTE

Only rotate the black circle, not the silver cover.

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
Inverter COM Indicators ● (COM)	Shows the connection status between datalogger and the inverter.	Flashing	Trying to connect with inverter
		ON	Successfully connected
Power Indicator ● (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

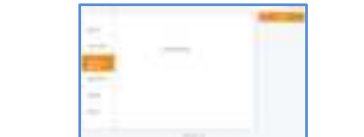
Step 1: Enter [10.10.100.254](#) in the web browser, open the following configuration interface. Enter Username [Admin](#) and Password [123456789](#).



Step 2: Select the "WAN port setting" and "Static IP". Enter IP address, Subnet mask, Gateway address, DNS server 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.

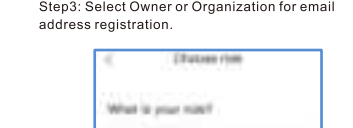


3 Soliscloud APP

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".



Step 2: Click the "Register".

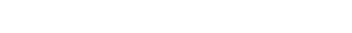
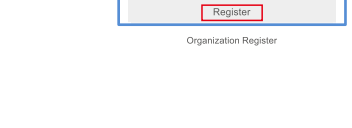
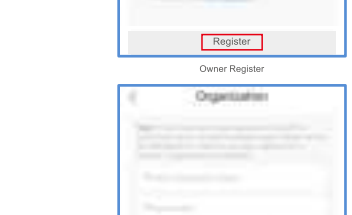


4 Create Plant

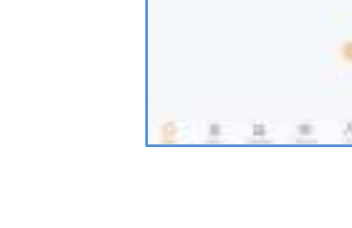
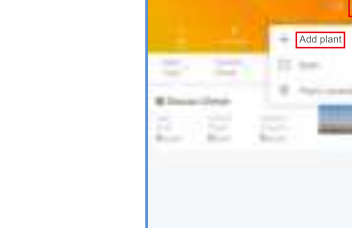
Step1: Enter the main page of Solis Cloud APP, click "+" at the top right corner and select "Add plant".



Step2: Input the information of the plant as required. Then click "Done".



Step4: Enter the email to get the verification code, than enter your account and password, last click the "Register".

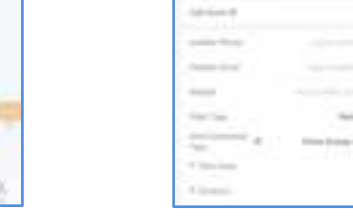


5 Create Plant

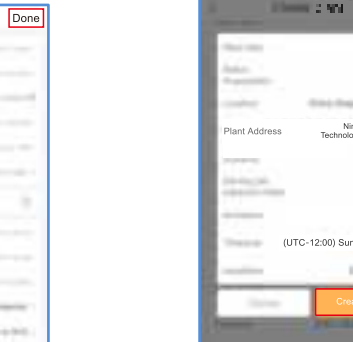
Step1: Enter the main page of Solis Cloud APP, click "+" at the top right corner and select "Add plant".



Step2: Input the information of the plant as required. Then click "Done".



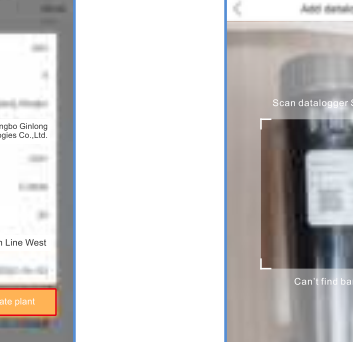
Step3: Confirm the plant information. Click "Create plant".



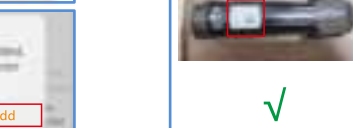
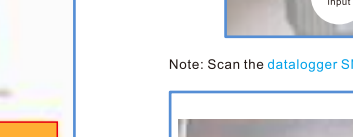
Step 4: Click "View plant" to enter the plant homepage, then add the datalogger.



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



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



5 FCC Certification

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) 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.

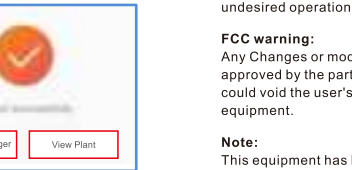
Note:

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 radiator & your body.

Step 6: Plant creation succeeds. Click "Continue...atologger" 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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