Pocket WiFi + LAN

Installation Manual

Version 5.0

Safety

$C\epsilon$	CE mark of conformity	FC	FCC mark of conformity
⚠	RCM mark of conformity	🚮	Do not dispose of the device together with household waste.

CE DECLARATION OF COMFORMITY

- The product conforms to RF specifications and technical standards.
- The device complies with DOC declaration.
- The device meets the basic requirements and other relevant provisions of 2014/53/EU directive.
- The device is allowed to be used in all EU member states.
- Hereby, [SolaX Power Network Technology (Zhejiang) Co., Ltd.] declares that the radio equipment type [Pocket WiFi+LAN] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.solaxpower.com/uploads/file/20240809/Pocket%20WiFi+LAN%20CE%20Declaration.pdf

FCC RULES

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

Please scan the QR code below for safety regulations in multiple languages:

Dongle main body × 1	Document

Waterproof connector × 1	Dongle back cover × 1	M2.5 cross screw × 2

Installation Tools

Torque screwdriver (Phillips head: M2.5)	Crimping tool for RJ45 terminal

Installation

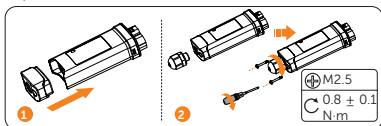**Installation steps**

⚠️ **WARNING!**

- Ensure that all power has been turned off at least 5 minutes prior to installation.

This product is equipped with two kinds of communication modes (Wi-Fi or LAN). Users can choose based on actual needs.
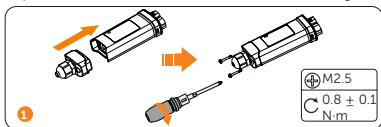
- ## Wi-Fi Mode

Installation steps

Step 1: Assemble the Pocket WiFi+LAN **(for WiFi+LAN in boxes)**;

	M2.5
	0.8 ± 0.1 N·m

Step 1: Assemble the Pocket WiFi+LAN **(for WiFi+LAN in bags)**;

	M2.5
	0.8 ± 0.1 N·m

Step 2: Plug the Pocket WiFi+LAN to the inverter.

Remove the dust cover

Buckles on the same side.
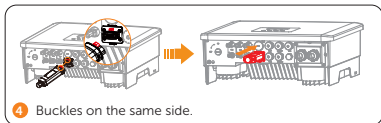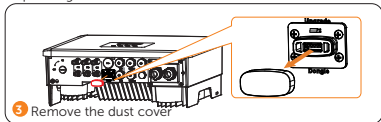
Installation requirements

For Wi-Fi mode, the longest connection distance between the router and the equipment should be no more than 100 meters; if there is a wall between the router and the equipment, the longest connection distance is 20 meters.
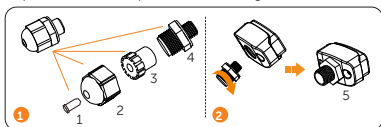

24CM concrete wall (example)

<100 m   <20 m
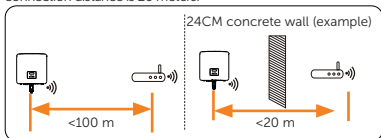
NOTICE!

- When the Wi-Fi signal is weak, please install a Wi-Fi signal booster at the appropriate location.

• LAN mode

Step 1: Disassemble the waterproof connector into components 1, 2 , 3 and 4 ; Component 1 is not used for LAN Mode. Keep it in a safe place.
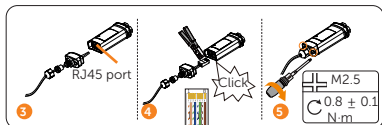
Step 2: Mount the component 4 to the dongle back cover;

Step 3: Thread the network cable through the following components (2-3-5);

Step 4: The male RJ45 of network cable connects to the female RJ45 on the dongle. Then connect them to the home router.; (a "Click" will be heard if it is successfully connected) Another side of the network cable connects to home router. Make sure the home router is in good condition;

Step 5: Clockwise tighten the components (5-3-2) of Pocket WiFi+LAN in sequence;

- Refer to "Wi-Fi Mode" for connection steps on the inverter.

Wi-Fi Configuration

Scan the following QR code or search for the keyword "SolaxCloud" in the APP Store to download the Monitoring APP. Scan the following QR code to read **WiFi Configuration Guide** online.

DOWNLOAD APP

CONFIGURATION GUIDE

- If you need to download **CONFIGURATION GUIDE**, please scroll down to the bottom of the interface and click [Download].

Model	Pocket WiFi+LAN
Power Supply	5 V 280 mA DC
Rated Power	1.4 W
Data Transfer Intervals	5 min
EIRP Power	17.93 dBm (Measured Max. Average)
Antenna Gain	3.17 dBi
Wi-Fi standard	802.11 b/g/n
Wi-Fi Band	2.400~2.472 GHz
LAN Bandwidth	10/100 M
Weight	80±10 g
Degree of Protection	IP65
Operating Temperature Range	-35°C ~ +60°C
Wireless Module	WiFi 2.4 GHz
Enthernet	10/100 M

Indicator description

Method	Wi-Fi	LAN
Steady off	Off	
Green light blink quickly (200 ms)	Disconnect to router	
Green light blink slowly (1 s)	Disconnect to inverter	
Green/Red alternately (200 ms)	Disconnect to MQTT server	
Green light steady on	Connected	

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