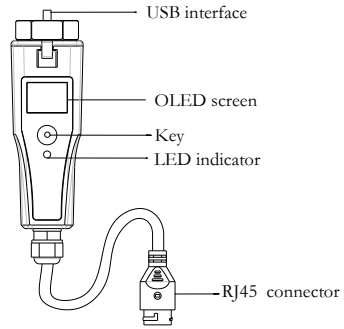
Quick Installation Guide of eSolar AIO3 Module

1. Product Appearance



LED Indicator Status Description

LED indicator status description		
Green (Ethernet)	Slow blink	Ethernet is working
	Fast blink	Firmware is upgrading
	Solid	Module is not connected to server
	Off	No power supply or program fault
Blue (Wi-Fi)	Slow blink	Wi-Fi is working
	Fast blink	Bluetooth is connected

Slow blink (1s on, 1s off); fast blink (200ms on, 200ms off)

Table 1 LED indicator on the module description

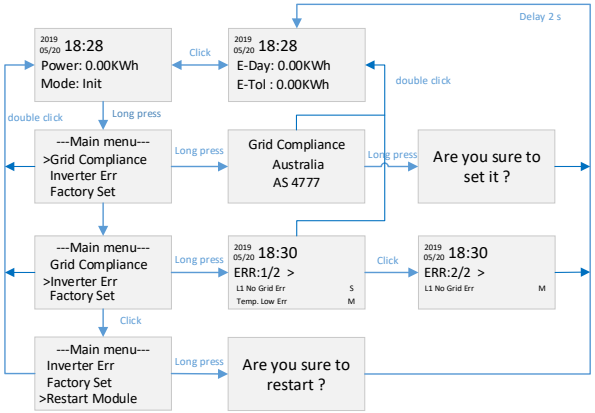
Green	Blinking	Sending data to router
	Solid	Module is connected to router
	Off	Module is not connected to router

Table 2 LED indicator on RJ45 connector description

OLED Operation

Module provides a button for users to set the safety standards, check power generation information, fault information, etc., and the operations are as below:

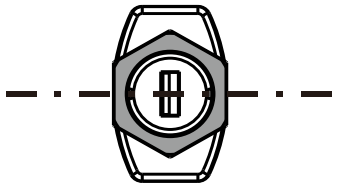
Operations	Function
Single click	Up/Down page selection
Double click	Returning to the main interface
Long press	Confirm



Screen will return to home interface if no further operation for 40 seconds. OLED monitor will turn off if no further operation for 50 seconds.

2. Installation & Connection

Step 1. Turn the module hexagon nut position to a horizontal position.



Step 2. Insert the module into the inverter USB interface and fasten the hexagon nut in clockwise direction.

Step 3. Connect RJ45 connector to router.

3. Installer Configuration

3.1 Download eSolar O&M APP

For iOS system, search “eSolar O&M” in App Store to download. For Android system, search “eSolar O&M” in Google Play to download.

3.2 AIO3 module connection

After installation of the module, power on the inverter. Wait for 2 minutes, if the module signal light is blinking slowly (refer to Table 1), it indicates that the module is working normally. If the station is built, the inverter information can be viewed in APP or website.

Bluetooth connection

② Turn on mobile phone Bluetooth connection.

② Sign in eSolar O&M APP→ Select “My” →Select “Remote Configuration” → Select “Bluetooth”→“Next” →Search devices → Select the Bluetooth(such as Bluelink:00012).

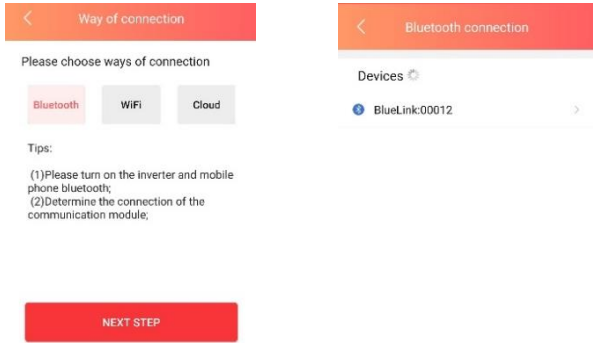


Fig 3.1 Bluetooth connection

③ Choose the Wi-Fi or Ethernet to access internet

from the pop-up window, data can only be sent to server after accessing the internet. If choose skip from the pop-up window, it will enter local connection interface automatically. (Note: If choosing Ethernet, make sure the cable is connected to router)

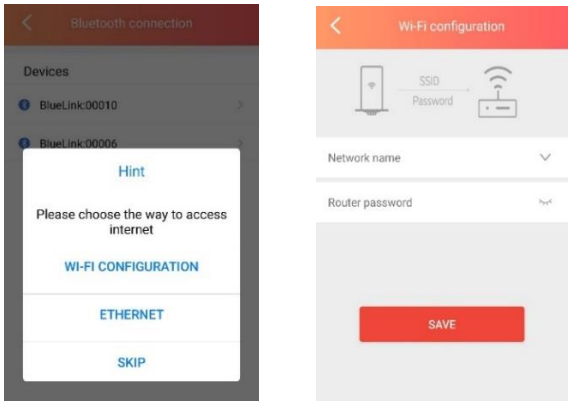


Fig 3.2 Process of connecting module and router

④ Entering the main interface and click on the module to check the details of module. Click on the gear icon on the top right corner of screen to set the module parameters.

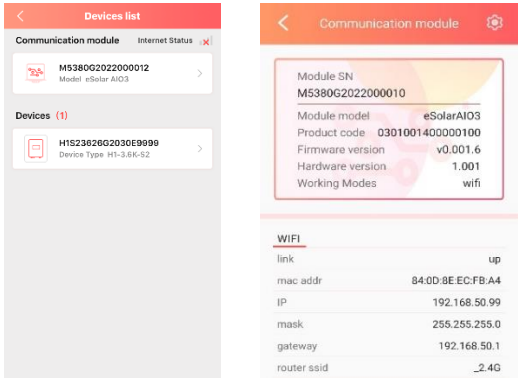


Fig 3.3 Checking module details

⑤ Module working mode are included auto, WiFi and Ethernet mode which can be set as per user requirement.

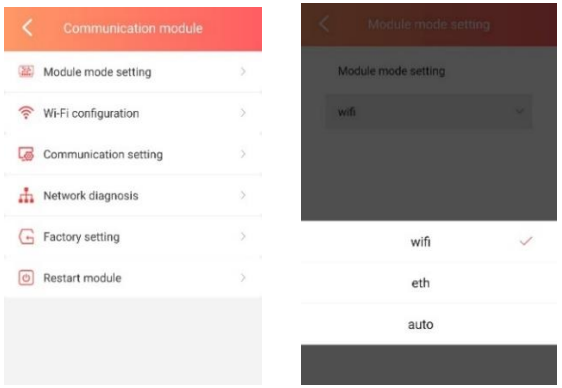


Fig 3.4 Checking module details

3.3 Inverter Setting

① Entering the main interface and click on the device to enter inverter setting.

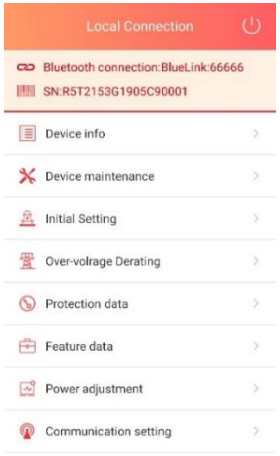


Fig 3.5 Inverter setting list

② Click on the Device info to check the basic info, running info, power info and event info of inverter.

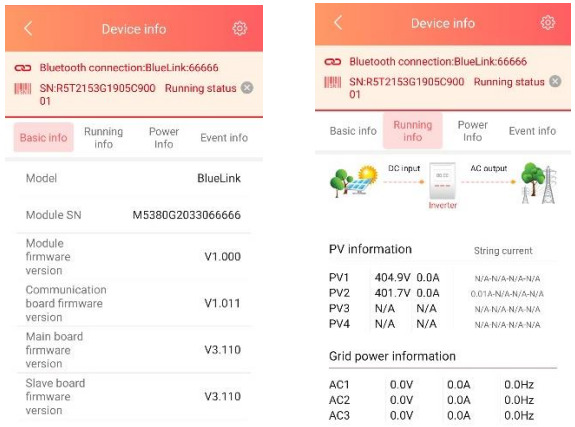


Fig 3.6 Inverter info

③ Click on the initial setting to choose local grid compliance and time as per the local regulations.

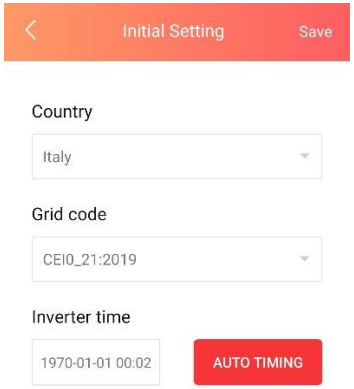


Fig 3.7 Inverter grid compliance setting

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