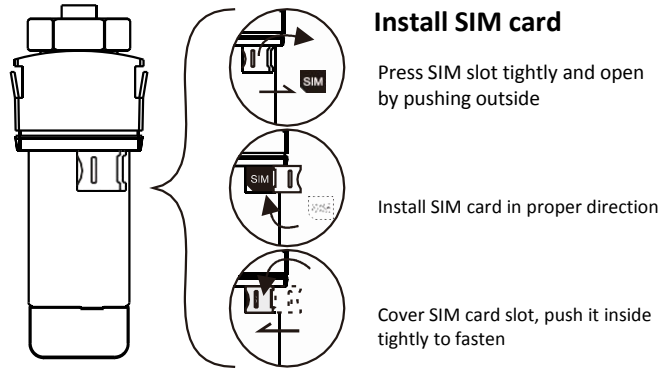
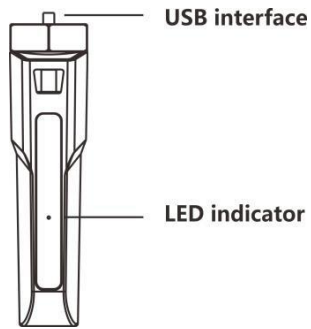


4G Module Quick Installation Guide



2. Installer Configuration

1) Download ENERGY VAULT MAX APP

For iOS system, search "ENERGY VAULT MAX" in App Store to download. For Android system, search "ENERGY VAULT MAX" in Google Play to download.

After download, please use the password to log in.

Password: 123456

2) 4G module connection

After installation of the module, power on the inverter. Wait for 2 minutes, if the module signal light is green and flickering, it indicates that the module is working normally and sending data to server. If the station is built, the inverter information can be viewed in APP or website.

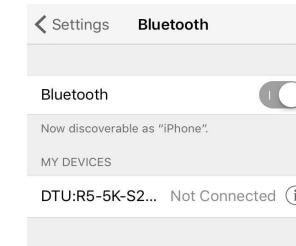
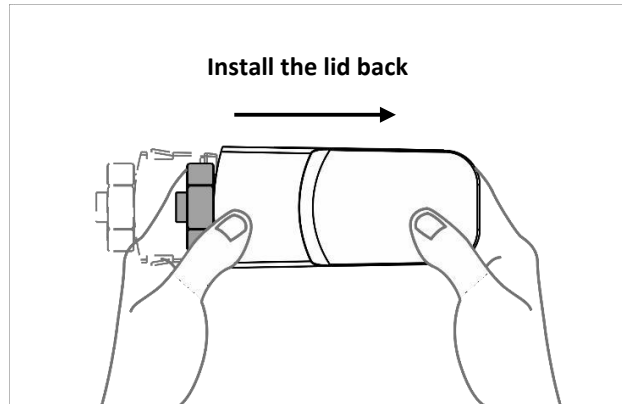


Fig.2-1 iOS system

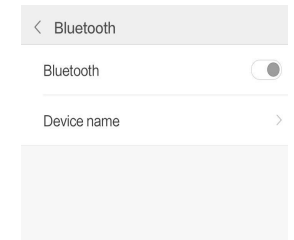


Fig.2-2 Android system

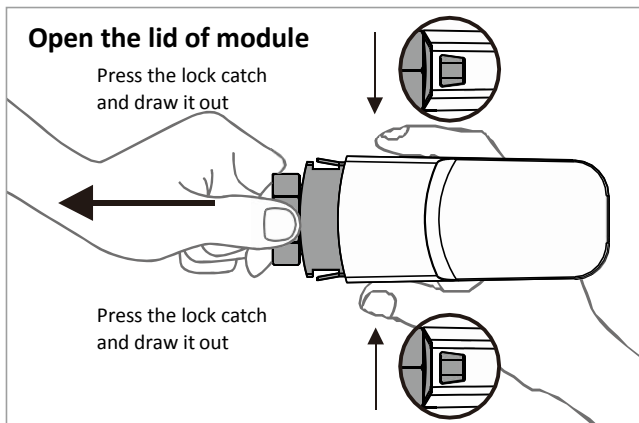
3) Bluetooth connection

- ① Turn on mobile phone's Bluetooth connection.
- ② Sign in APP → Choose "Bluetooth" → "Next" → Search devices → Click on the Bluetooth name of the inverter (such as AS1-3K-5.1:03704)

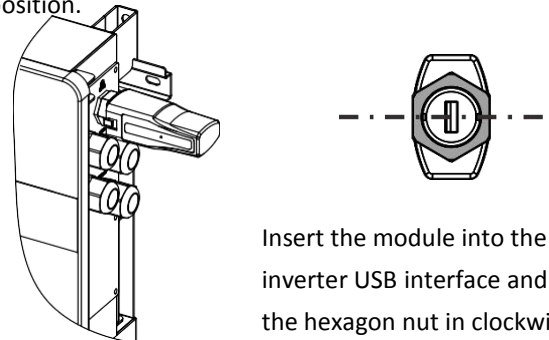
LED indicator status description

Green	Blinking	4G module is working properly
	Solid	4G module is not connected to the server
Blue	Blinking	Bluetooth is connected
Green/blue	Off	In communication with equipment or no power supply

1. Installation & connection



Turn the module hexagon nut position to a horizontal position.



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

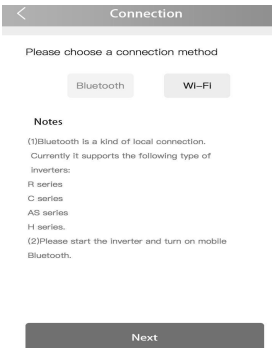


Fig. 2-3 Bluetooth connection

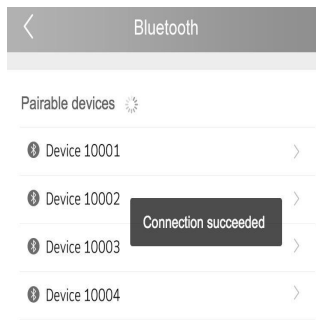


Fig.2-4 Search devices

③ Bluetooth connected, module signal light is blue → Set country and grid code for first start-up → After inverter starts, users can view inverter's information.

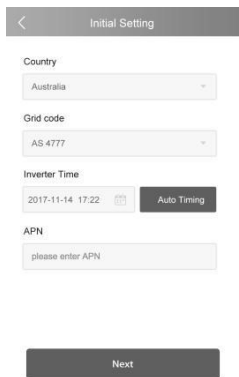


Fig.2-5 Initial setting

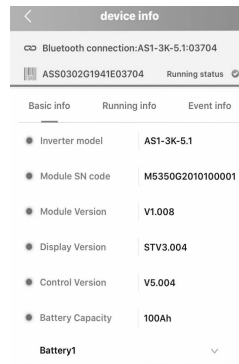


Fig.2-6 Device information

4) Working modes selection

There are three working modes available that enable users to maximize the solar efficiency depending on different scenarios.

Local connection → Choose “Working Mode”

Self-consumption mode

The default mode is self-consumption mode. In this mode, solar energy are mainly used for loads and battery to reduce grid dependency.

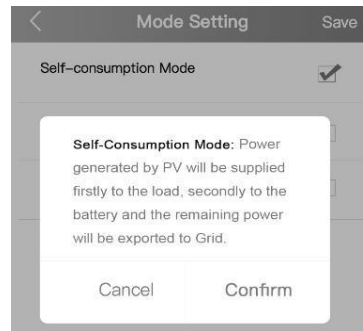


Fig.2-7 Self-consumption mode

Time-of-use mode

This mode is to charge battery from PV during day time or from grid when tariffs are low. Battery discharge during night or when tariffs are high.

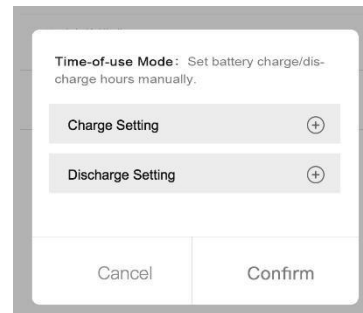


Fig.2-8 Time-of-use mode

Back-up mode

In this mode, battery will reserve 100% of its electricity for loads during grid outage.

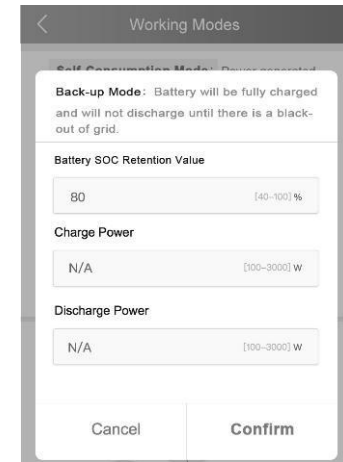


Fig.2-9 Back-up mode

5) Measuring device selection

Local connection → Choose “Measuring Device”
Choose the measuring device according to your actual meter/CT connection.

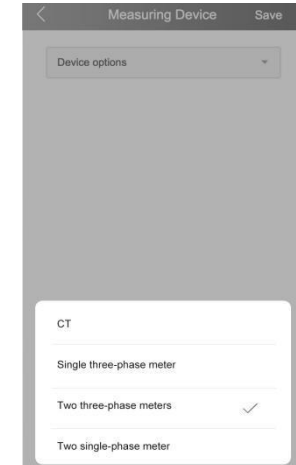


Fig.2-10 Measuring device options