SOLAX Pocket Wi-Fi plus LAN V2.0 WiFi+4GM LAN Interface Dongle Instruction Manual

Contents

1 SOLAX Pocket Wi-Fi plus LAN V2.0 WiFi+4GM LAN Interface Dongle
2 Safety
3 CE DECLARATION OF CONFORMITY
4 FCC RULES
5 Packing List
6 Installation
7 Wi-Fi Mode
8 Wi-Fi Configuration
9 Technical data
10 Indicator description
11 Function button description
12 Documents / Resources
12.1 References

SOLAX Pocket Wi-Fi plus LAN V2.0 WiFi+4GM LAN Interface Dongle

Version 0.0

www.solaxpower.com

eManual and configuration videos in the QR code or at http://kb.solaxpower.com/

Safety

Descriptions of Labels

CE	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 CONFORMITY

- 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.
- Manufacturer: SolaX Power Network Technology (Zhejiang) Co., Ltd. Product type: Pocket WiFi [CE DECLARATION OF COMFORMITY]: **https://www.solaxpower.com/uploads/file/pocket-wifi-ce-declaration-of-conformity-en.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.

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

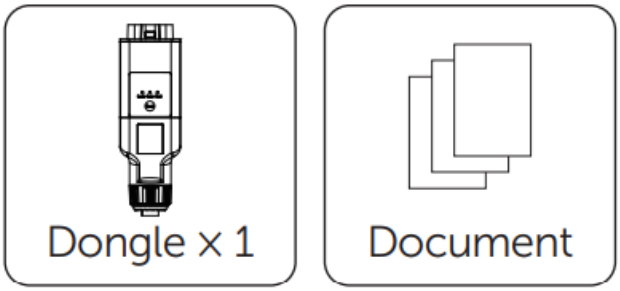
Note:This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

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

Packing List

General version:



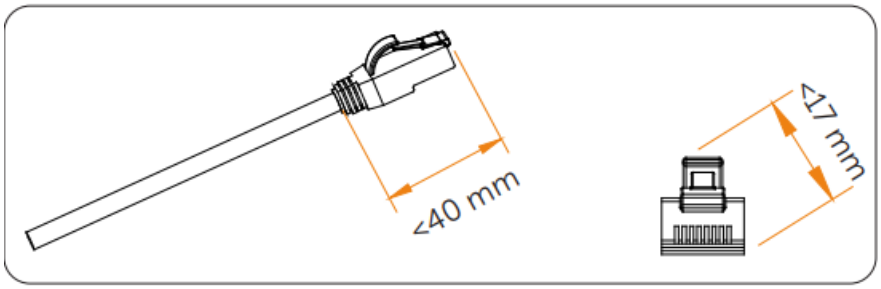
North American and Japanese version:

Installation

Additional required materials

Version	Material	Mode	Requirements
General version	Communication cable with RJ45 terminal	LAN	RJ45 terminal is installed on the communication cable and has been crimped. *The length of RJ45 terminal shall <40 mm and the width across corners shall <17 mm (as shown in the following diagram).
North American and Japanese version	Corrugated pipe	LAN	Outer diameter: 13mm; Inner diameter: 10mm
North American and Japanese version	Communication cable	LAN	CAT5E

Version	Material	Mode	Requirements
North American and Japanese version	RJ45 terminal	LAN	Standard



Installation tools

Installation steps

WARNING!

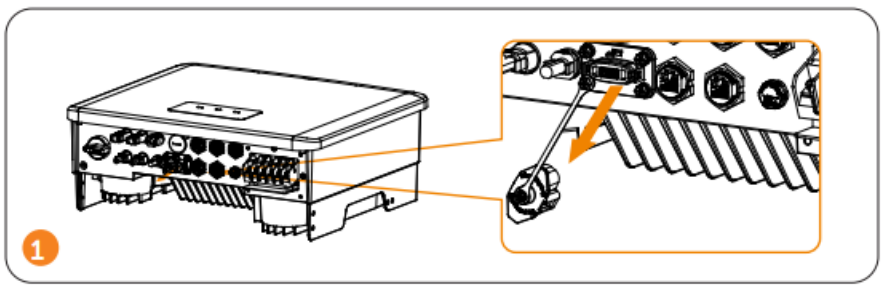
Ensure that all power has been turned off at least 5 minutes prior to installation.

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

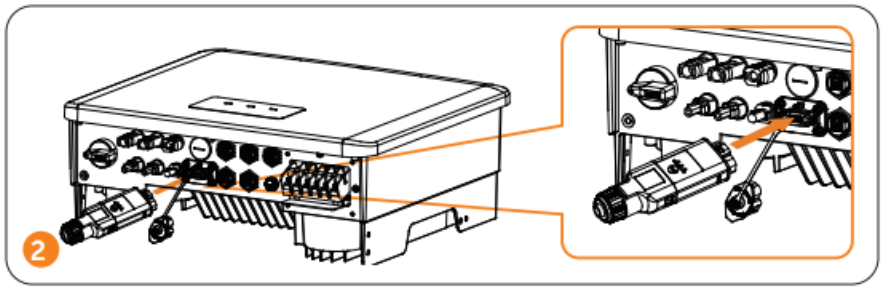
Wi-Fi Mode

Installation steps

Step 1: Remove the dust-proof cap on the inverter.



Step 2: Plug in the dongle to the correct port of the inverter. Make sure that the buckles are in the same side.

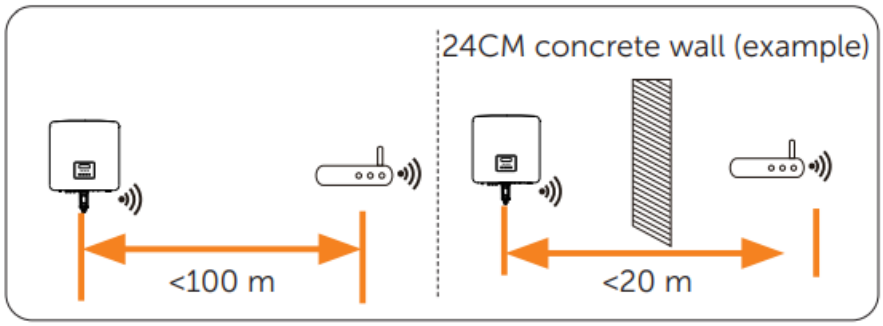


NOTICE!

Buckles shoud be on the same side.

Installation requirements

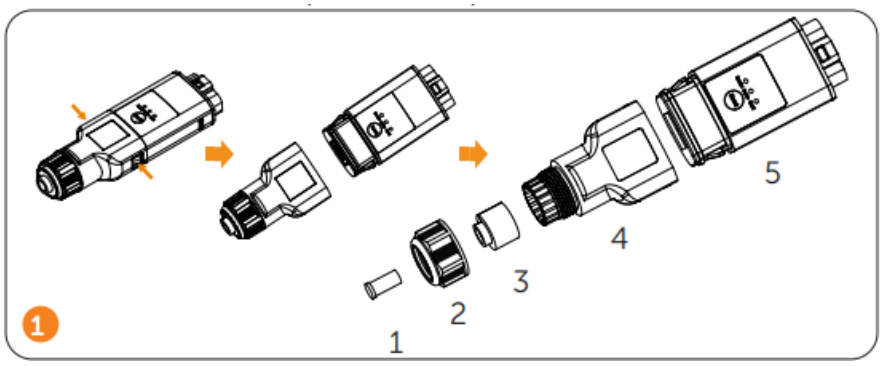
For Wi-Fi mode, the longest connection distance between the router and the equipment should be no more than 100 meters; if there is a wall between the router and the equipment, the longest connection distance is 20 meters.



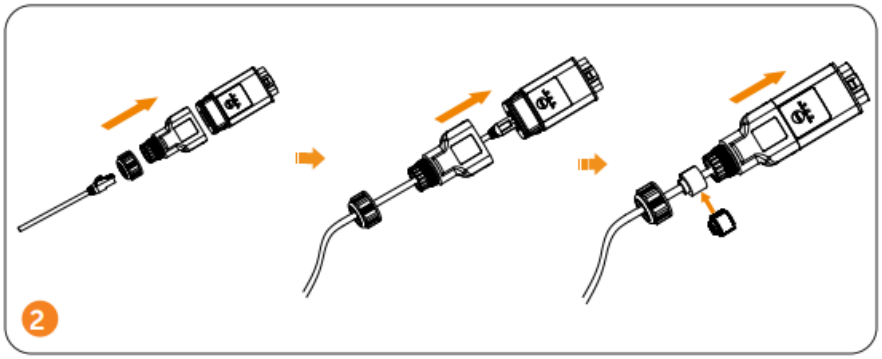
NOTICE

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

LAN mode (general version)
Step 1: Press the buckles on the side of dongle to separate the dongle main body. Then, disassemble the dongle into components 1, 2, 3, 4, and 5; Component 1 is not used for LAN Mode. Keep it in a safe place.



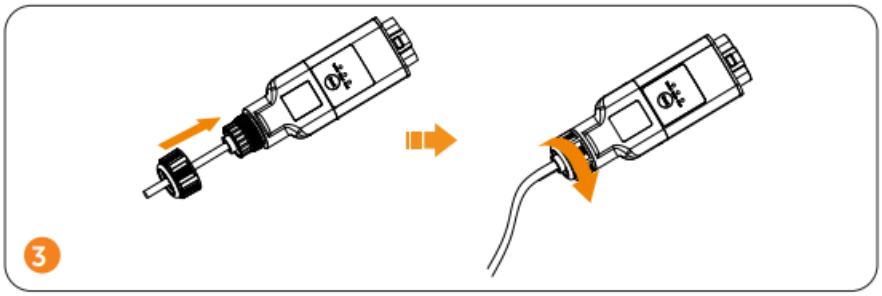
Step 2: Insert the communication cable into components 2, 4, and 5 in sequence. Install the RJ45 terminal with the component 5. Mount the component 3 to the communication cable between component 2 and 4.



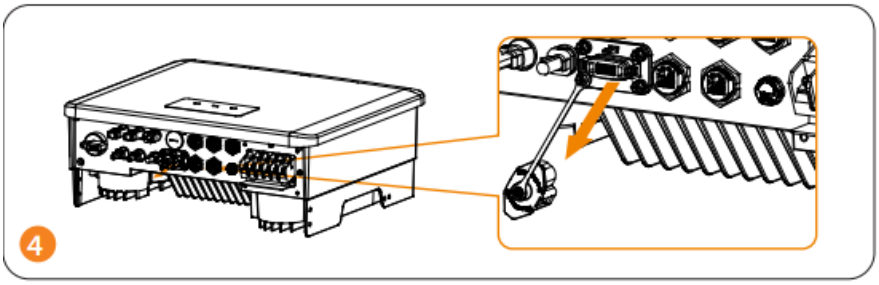
NOTICE!

- Please mount the componet 3 to the communication cable in the right direct (as shown below).

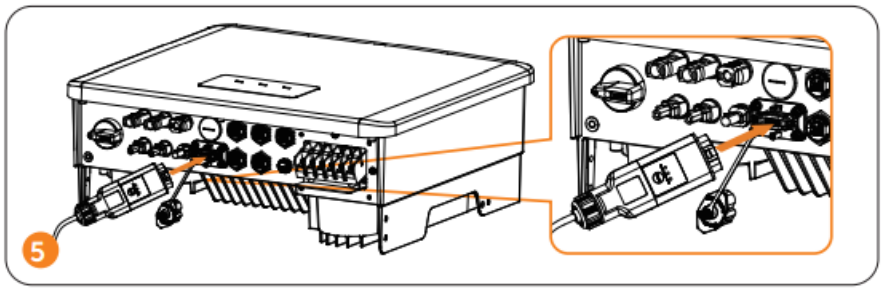
Step 3: Clockwise tighten all the components in sequence to complete the LAN assembly.



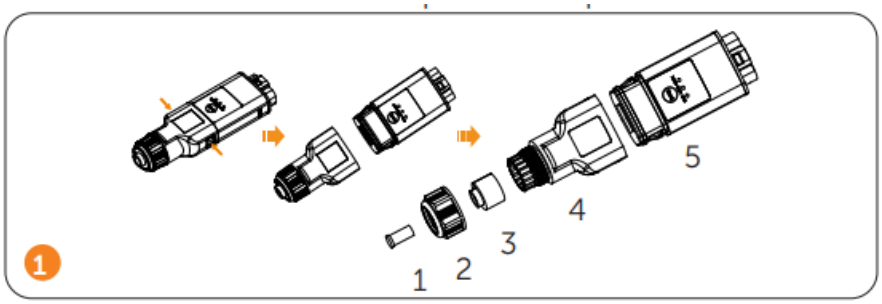
Step 4: Remove the dust-proof cap on the inverter.



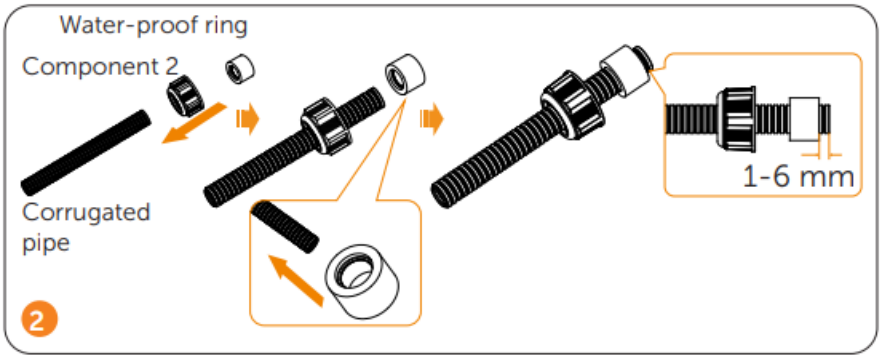
Step 5: Plug in the dongle to the correct port of the inverter.Make sure that the buckles are in the same side.



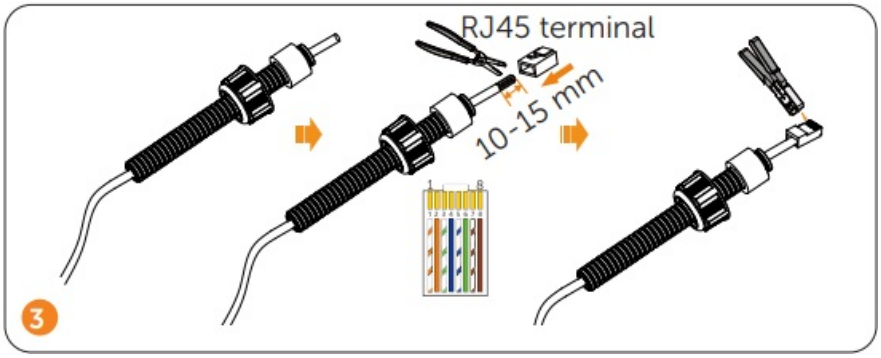
LAN mode (North American and Japanese version)
Step 1: Press the buckles on the side of dongle to separate the dongle main body. Then, disassemble the dongle into components 1, 2 , 3, 4 and 5; Component 1 and 3 is not used for LAN Mode. Keep it in a safe place.



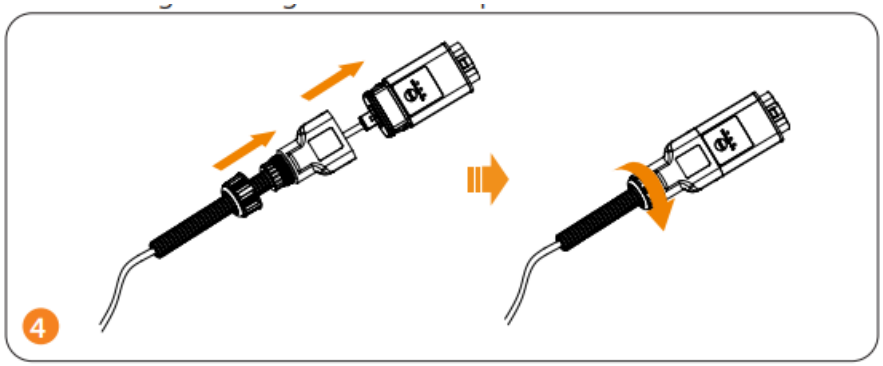
Step 2: Insert the component 2 and water-proof ring into the corrugated pipe in sequence. Reserve 1-6 mm length over the corrugate pipe to ensure the leakproofness. And the water-proof ring shall be installed in the right direct (as shown in the figure below).



Step 3: Thread the communication cable into the corrugated pipe. Strip the communication cable, install the RJ45 terminal and crimp the terminal.



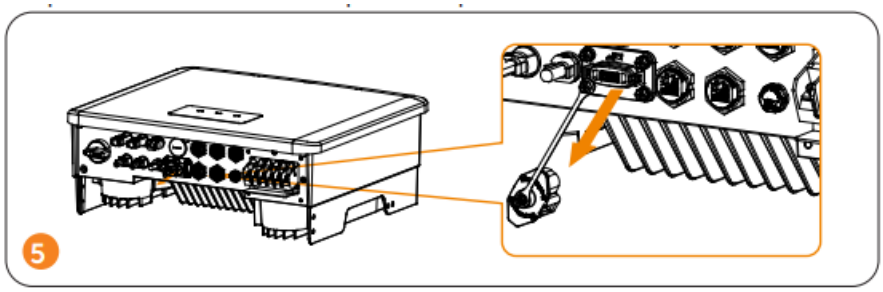
Step 4: Insert the RJ45 terminal into the corresponding port of component 5. Thread the corrugated pipe and water-proof ring into the component 4. Joint component 4 and 5 together. Tighten the component 2.



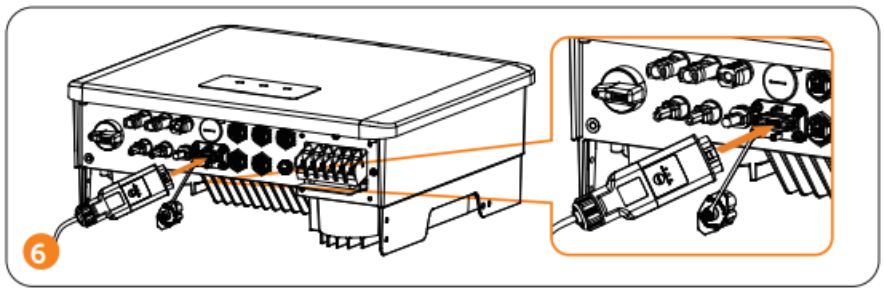
NOTICE!

- Please ensure that the water-proof ring is installed firmly.

Step 5: Remove the dust-proof cap on the inverter.



Step 6: Plug in the dongle to the correct port of the inverter. Make sure that the buckles are in the same side.



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 the Configuration Guide online.

DOWNLOAD APP

CONFIGURATION GUIDE

NOTICE!

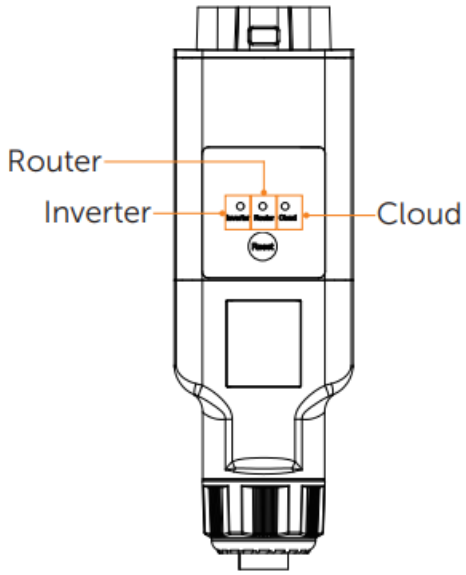
- If you need to download **Configuration Guide**, please scroll down to the bottom of the interface and click [Download].

Technical data

Model	Pocket WiFi+LAN V2.0
Power Supply	5 V 200 mA DC
Rated Power	1 W
Data Transfer Intervals	5 min
EIRP Power	18.23 dBm (Measured Max. Average)
Antenna Gain	0.86 dBi
Wi-Fi standard	802.11 b/g/n
Wi-Fi Band	2.412-2.462 GHz

Model	Pocket WiFi+LAN V2.0
LAN Bandwidth	10/100 M
Weight	80±10 g
Dimension	134 x 44 x 26.5 mm
Degree of Protection	IP65
Operating Temperature Range	-30°C ~ +60°C
Wireless Module	WiFi 2.4 GHz
Enthernet	10/100 M
Safety	EN IEC 62311: 2020 EN IEC 62368-1:2020+A11:2020
Grid Monitoring	ETSI EN 300 328 V2.2.2: 2019 ETSI EN 301 908-1 V13.1.1: 2019 ETSI EN 301 908-13 V13.1.1: 2019 FCC-ID FCC CFR Title 47, Part 15, SubpartC ANSI C63.4-2014

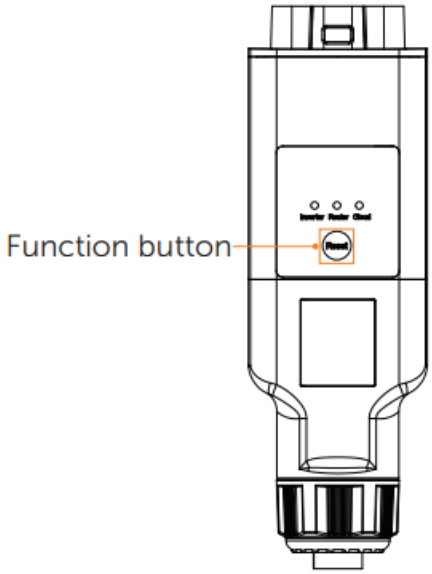
Indicator description



Indicator	Status	Description
Inverter	Red light flashes (on for 0.2s, off for 0.2s)	Connecting to the inverter
	Red light steady on	Abnormal connection to the inverter
	Off	Connected to the inverter successfully

Indicator	Status	Description
Router	Red light flashes (on for 0.2s, off for 0.2s)	Connecting to the router
	Red light steady on	Abnormal connection to the router
	Off	Connected to the router successfully
Cloud	Red light flashes (on for 0.2s, off for 0.2s)	Connecting to the server
	Red light steady on	Abnormal connection to the server
	Green light steady on	Connected to the server successfully
	Green light flashes (on for 0.2s, off for 0.2s)	OTA upgrading

Function button description



Function	Operation
Turn on AP	Press once
Reset	Press twice
Factory data reset	Long press for more than 5s

320102122100

SolaX Power Network Technology (Zhejiang) Co., Ltd.

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Documents / Resources

	SOLAX Pocket Wi-Fi plus LAN V2.0 WiFi+4GM LAN Interface Dongle [pdf] Instruction Manual 2AMEH-POCKET2, 2AMEHPOCKET2, Pocket Wi-Fi plus LAN V2.0 WiFi 4GM LAN Interface Dongle, Pocket Wi-Fi plus LAN V2.0, WiFi 4GM LAN Interface Dongle, LAN Interface Dongle, Interface Dongle, Dongle

References

- Advanced Energy Storage Solutions | Home Battery Backup | SolaX Power USA

- **User Manual**