Manuals+ — User Manuals Simplified.
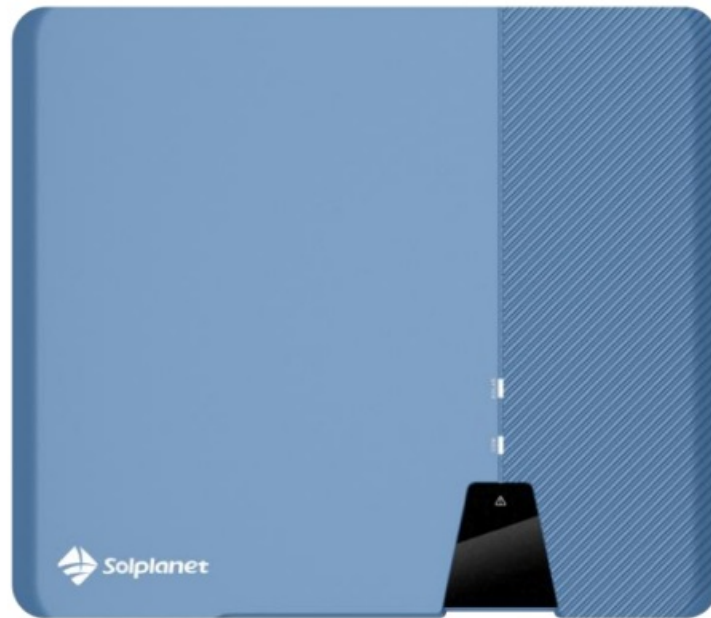

pytesusa E-BOX Series With Solplanet Inverter Instruction Manual

Contents

pytesusa E-BOX Series With Solplanet Inverter

Check BOM List

Before installation, you should prepare the following items.

Item	Quantity
PYTES E-BOX Series Battery	Based on actual installation
Solplanet Inverter	1
Positive Power Cable	Based on battery qty and connection method
Negative Power Cable	Based on battery qty and connection method
Communication Cable	Based on battery qty
Energy Meter (Provided in Solplanet Package)	1

Connect Power Cable
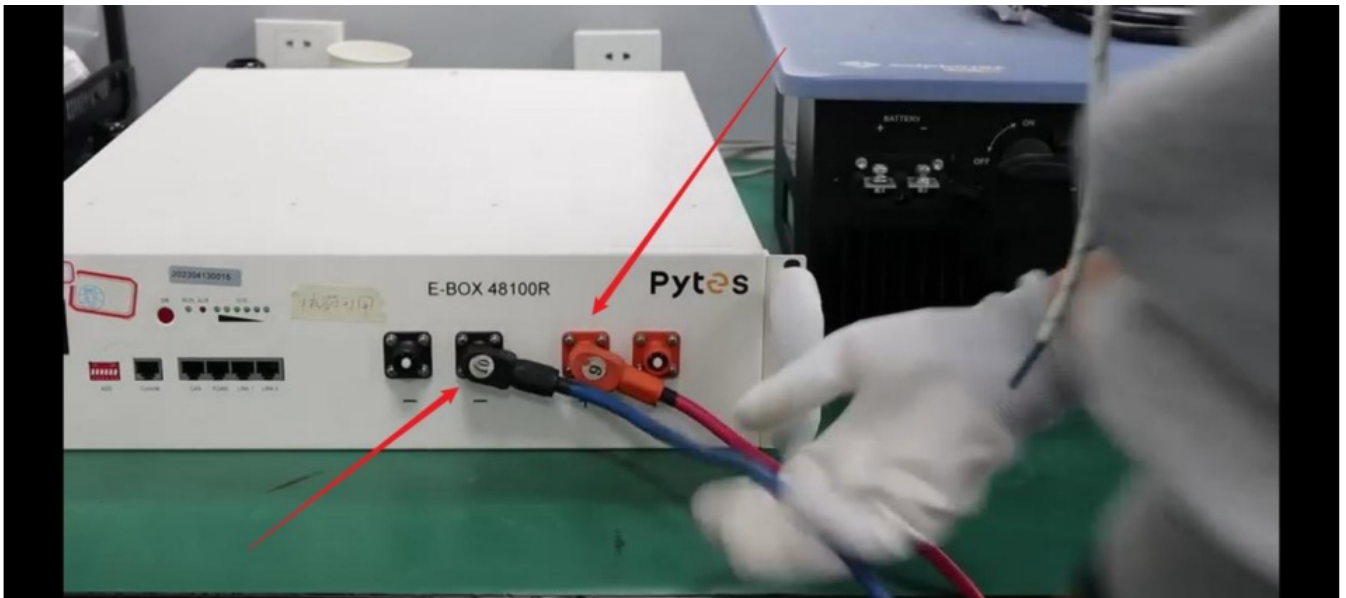
1. Double-check to ensure the battery power switch is in the off position before operation.


2. Plug the positive and negative power cables into the battery power terminals as shown in the following picture.
3. Connect the opposite ends of the positive and negative power cables to the corresponding positive and negative terminals of the inverter as shown in the following picture.
4. Double-check to ensure that the positive terminal of the battery is connected to the positive terminal of the inverter and that the negative terminal of the battery is connected to the negative terminal of the inverter.

Connect Communication Cable

1. Connect one end of the communication cable to the CAN port of the battery as shown in the following picture.
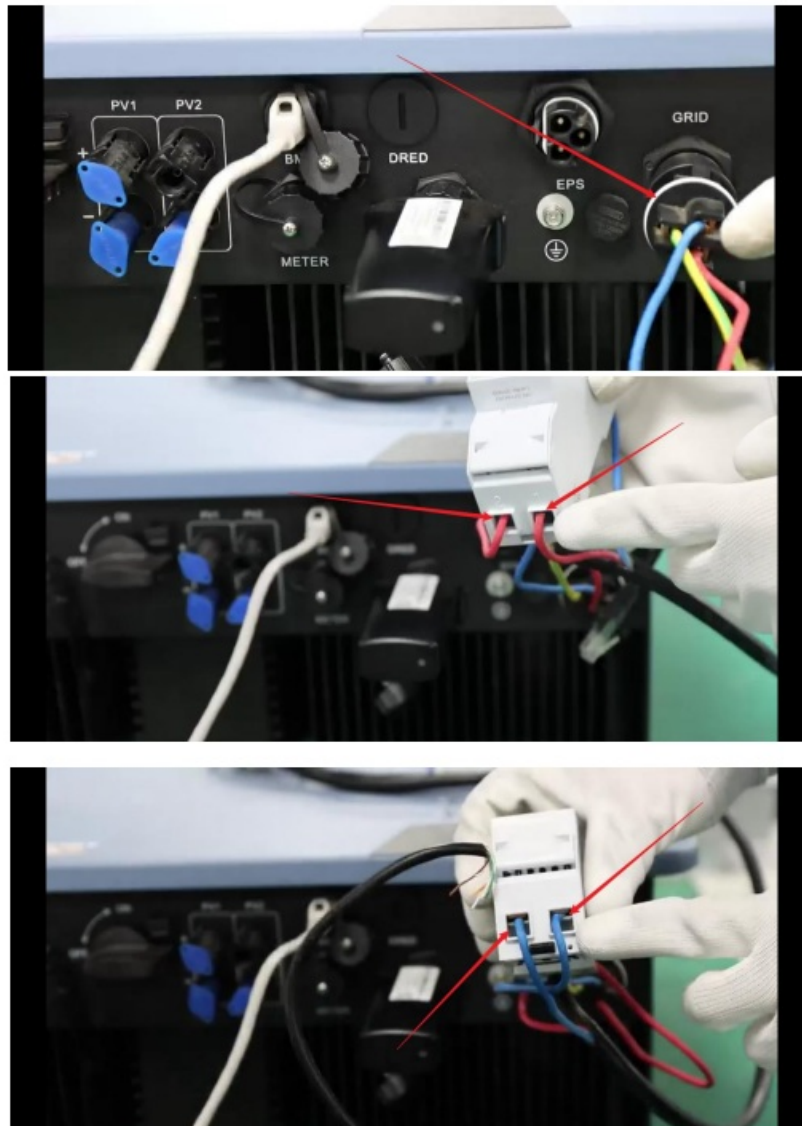

2. Connect the opposite end of the communication cable to the BMS port of the inverter as shown in the following picture.
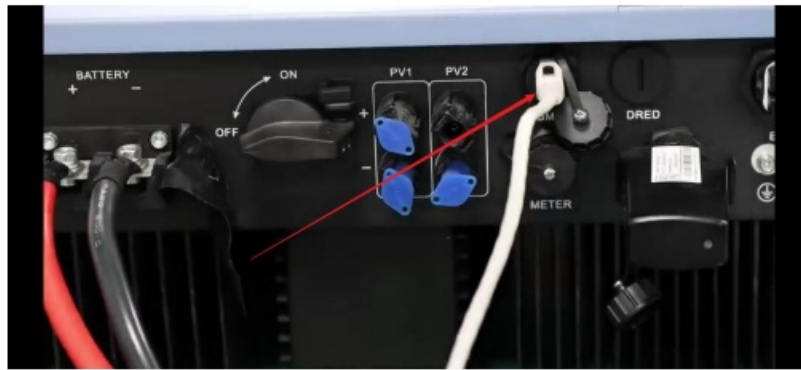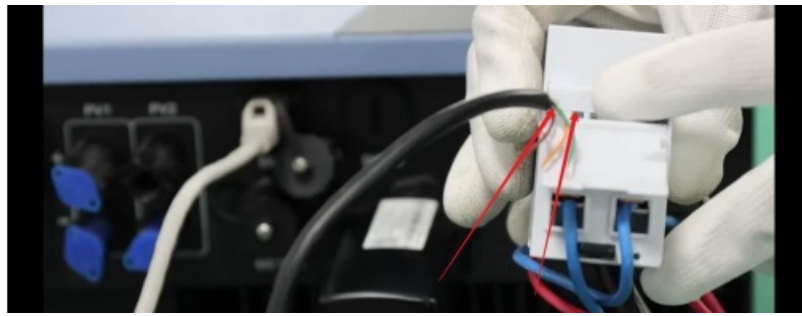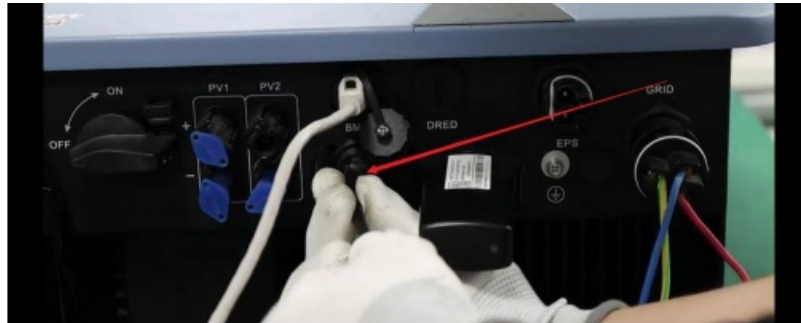
Install Energy Meter

1. Connect the conductors of the energy meter to the GRID port of the inverter as shown in the following picture.

2. Connect one end of the communication cable to the meter. (PIN 4,5 of the communication cable to PIN 5, 6 port of the meter).
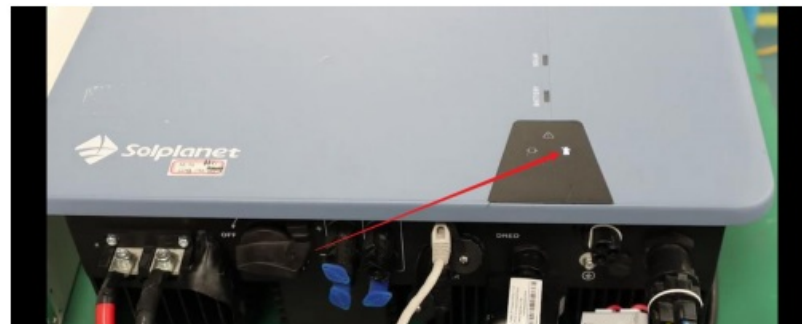
3. Connect the opposite end of the communication cable (RJ45) to the meter port of the inverter.

4. Connect the power cable of the energy meter to the grid.

5. The grid light on the inverter panel is illuminated.

Set DIP Switch

1. Set the DIP switch to the position as shown in the following picture. (UP, DOWN, UP, UP, DOWN, DOWN)
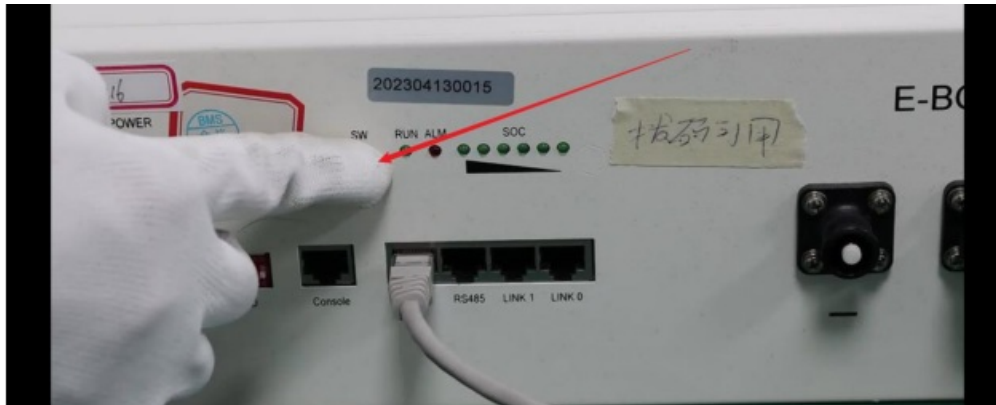

Start System up

1. Power on the switch.

2. Press the SW button for 1 second.

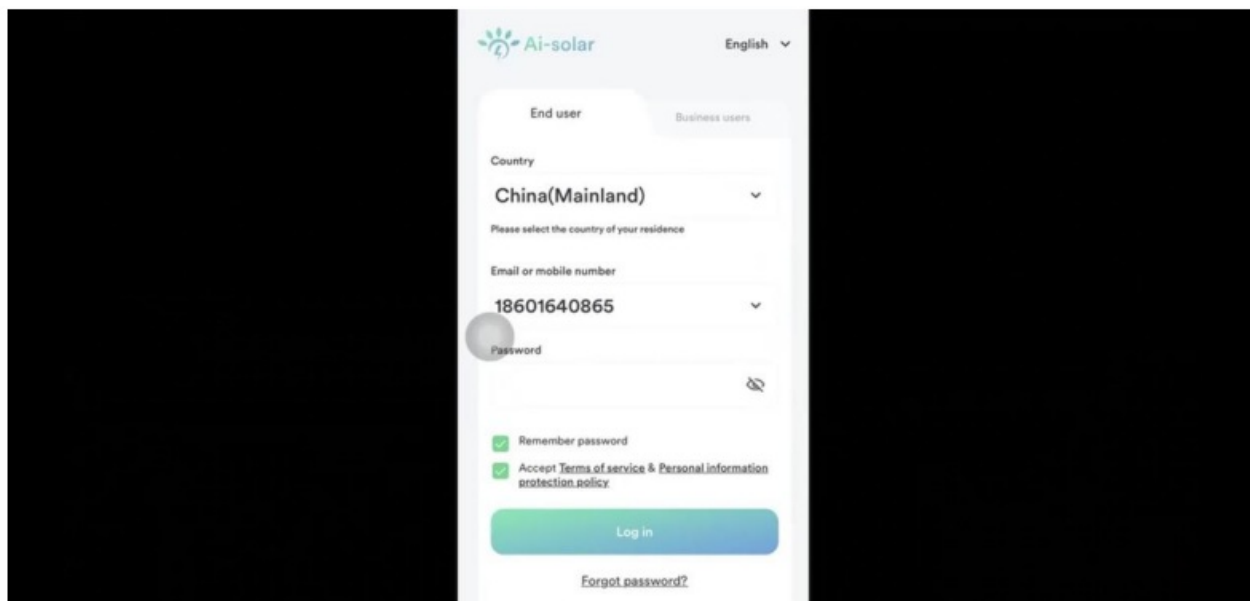

3. Ensure that the RUN light is flashing.

4. Ensure that the battery light and the solar light on the inverter panel are flashing.

Monitor System

Ai-solar 4+
AISWEI Technology Co., Ltd
Designed for iPhone

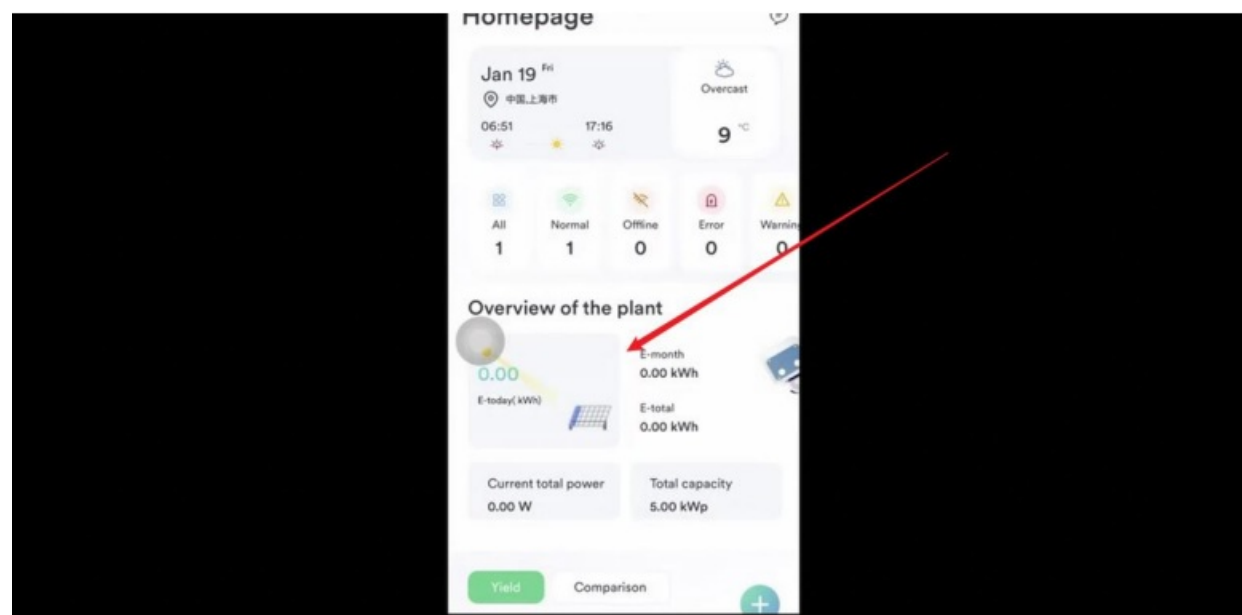Free

1. Download the Ai-solar App from the Google Play store or Apple App Store.

2. Open the App and log in with the registered account.

3. Click on the Overview of the plant section to view details of your system.

Q Search plant/ dongle/ inverter

4.10
E-today 0.00 kWh
E-total 0.00 kWh
PV capacity 5.00 kWp

0.00 W

0%

PV production (DC)   System production (AC)

AC feed-in   Battery charge

Battery discharge   SOC

Horizontal view

Plant information   >

Battery   View all

100% -ASW2.5-LB-G1   >
Discharge | 0 W

← Battery details

Data update: 19.01.2024 13:11

Comms status	Normal
Battery status	Idle
Battery voltage	53.2 V
Battery current	0.0 A
Battery power	0.00 W
Battery temp.	18.0 °C
SOC	100 %
State Of Health	100 %

4. Click on the system, scroll down to the bottom, and click on the battery section to view battery information.

Documents / Resources

Installation and Configuration Manual With Solplanet Pytes Lithium Battery E-BOX Series With Solplanet Inverter	**pytesusa E-BOX Series With Solplanet Inverter** [pdf] Instruction Manual E-BOX Series With Solplanet Inverter, E-BOX Series, With Solplanet Inverter, Solplanet Inverter, Inverter

References

- [**User Manual**](#)