



## Pytes Low Voltage Battery Series Configuration Guide with Solplanet

Pytes Lithium Battery  
with Solplanet ASW6000H-S2

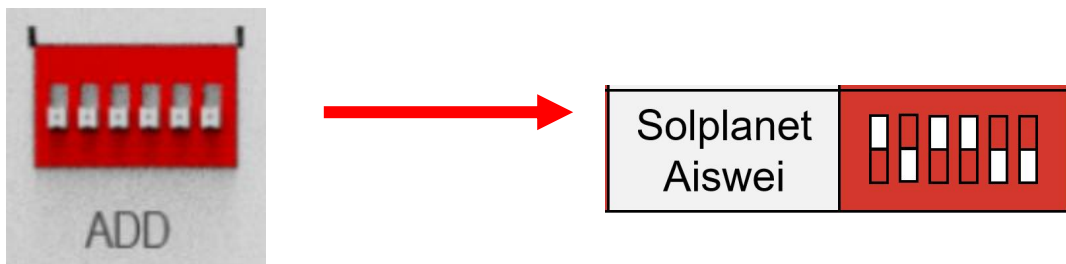


Pytes low voltage battery interface overview

| No. | Item Name      | Product Picture |
|-----|----------------|-----------------|
| 1   | E-BOX 4850-C   |                 |
| 2   | E-BOX 4850G    |                 |
| 3   | E-BOX 48100R-C |                 |
| 4   | V5°            |                 |
| 5   | V5°α           |                 |
| 6   | V5°α Plus      |                 |
| 7   | V10            |                 |
| 8   | V15            |                 |
| 9   | Pi LV1         |                 |

## Set the Dip Switch

Only need to set the master battery Dip Switch to the corresponding position as shown. The Dip Switch (ADD) location varies for each battery model; please refer to the respective user manual for details.



## Select the correct the communication cable between battery and Inverter

Select the correct the communication cable and the correct pinout of communication port on the battery according to the Pin Definition List. If the pin definitions of the battery and inverter align, a standard ethernet cable can be used. Otherwise, the cable needs to be adjusted

| Pin Number | Battery Pin Definition | Inverter Pin Definition |
|------------|------------------------|-------------------------|
| 1          | RS485B                 |                         |
| 2          | RS485A                 |                         |
| 3          | GND                    |                         |
| 4          | CAN-H                  | CAN-H                   |
| 5          | CAN-L                  | CAN-L                   |
| 6          | GND                    |                         |
| 7          | RS485A                 |                         |
| 8          | RS485B                 |                         |

## Connect Power Cable

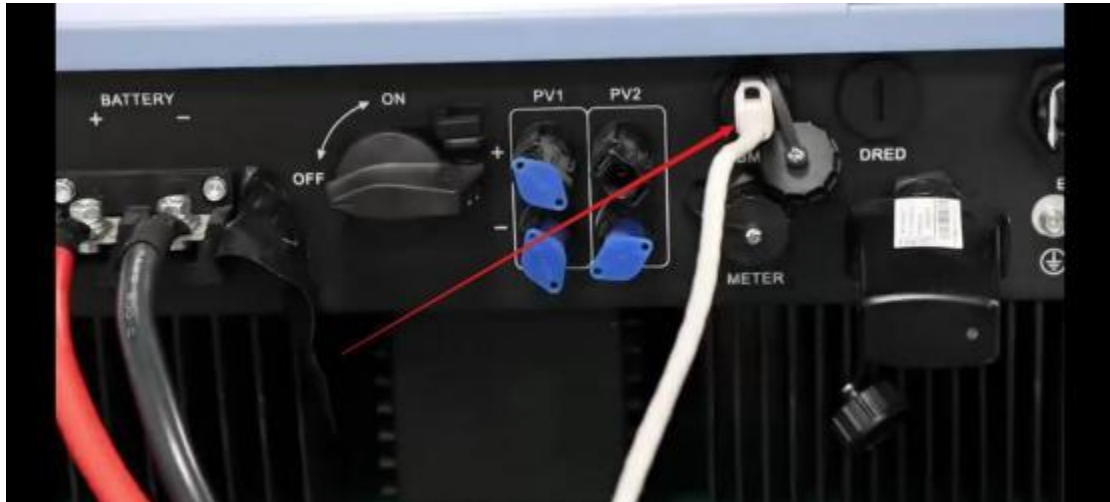
1. Double-check to ensure the battery power switch is in the off position before operation.
2. Plug the positive and negative power cables into the battery power terminals
3. Connect the opposite ends of the positive and negative power cables to the corresponding positive and negative terminals of the 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 the negative terminal of the battery is connected to the negative terminal of the inverter.

## Connect Communication Cable

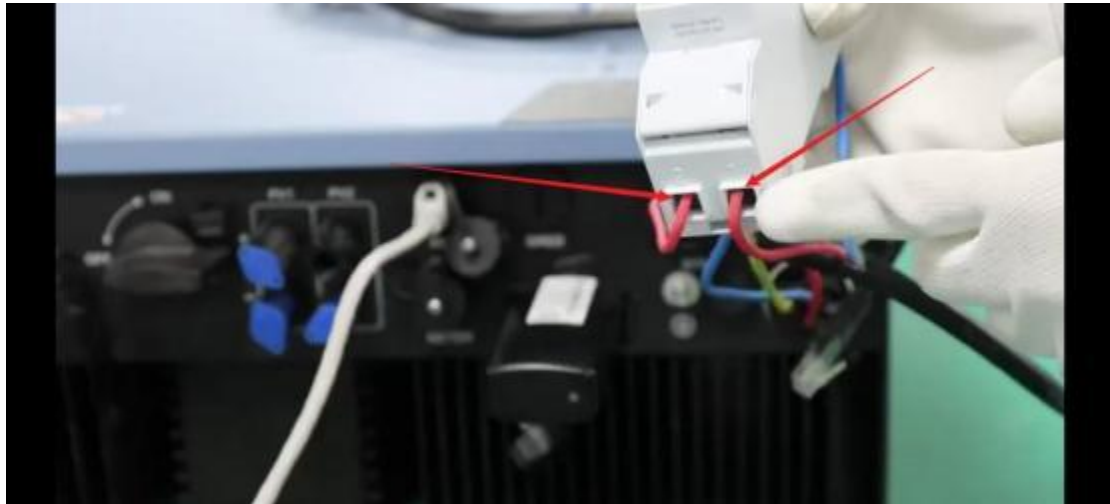
1. Connect one end of the communication cable to the CAN port of the battery (Check page 2).
2. Connect the opposite end of the communication cable to the BMS port of the inverter as shown in the following picture.



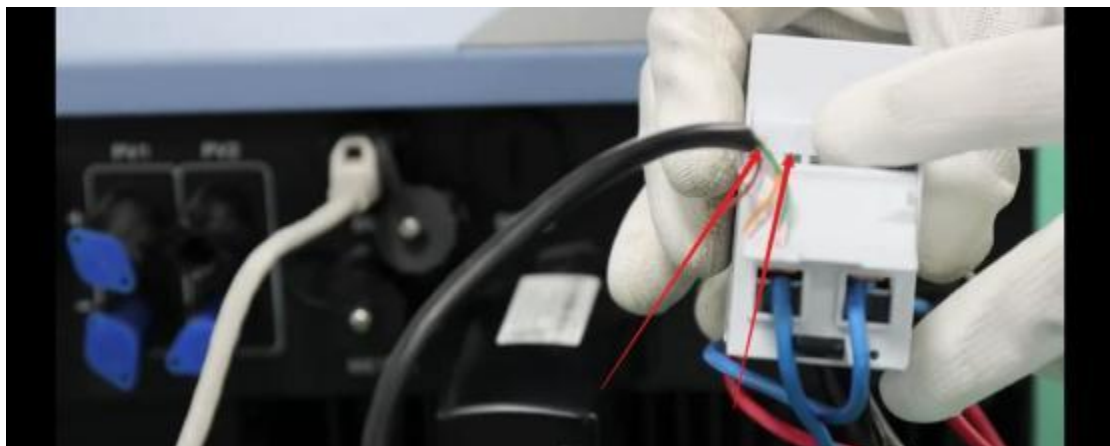
## Install Energy Meter

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).



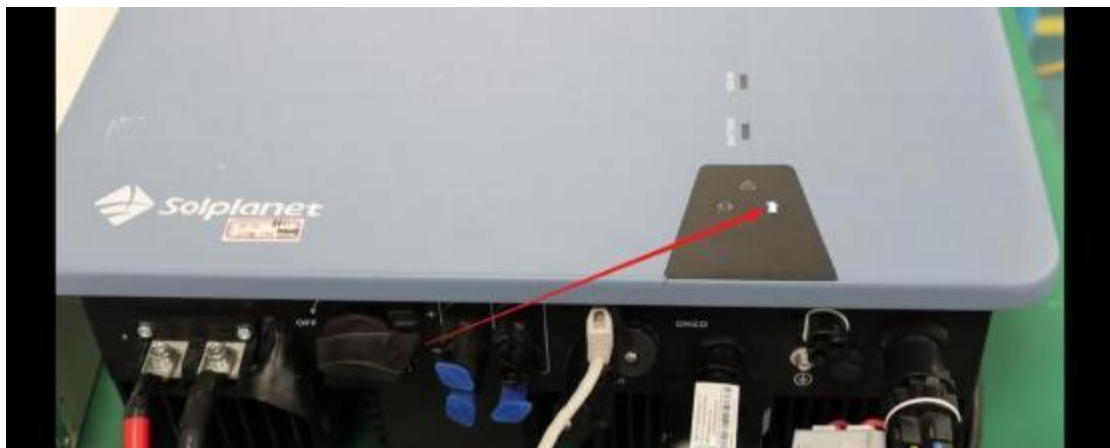
3. Connect the opposite end of the communication cable (RJ45) to the meter port of the inverter.



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

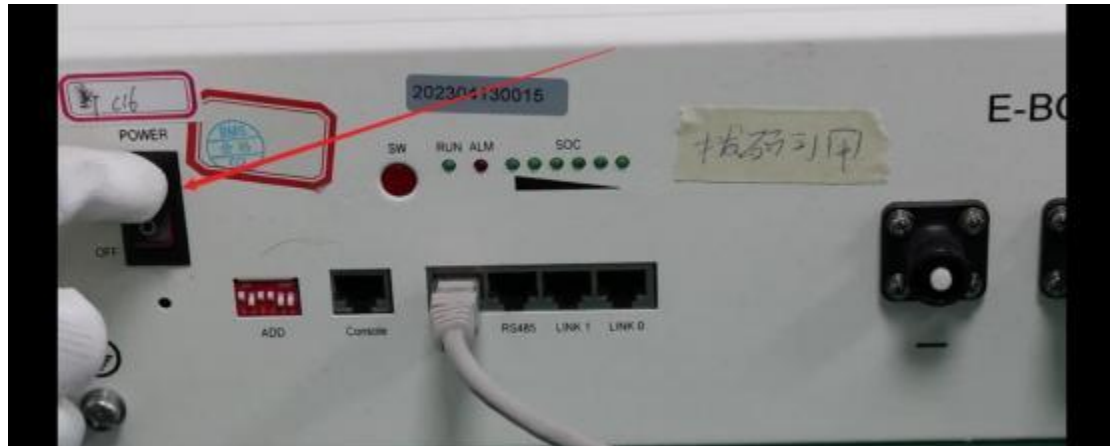


5. The grid light on the inverter panel is illuminated.



## Start System up

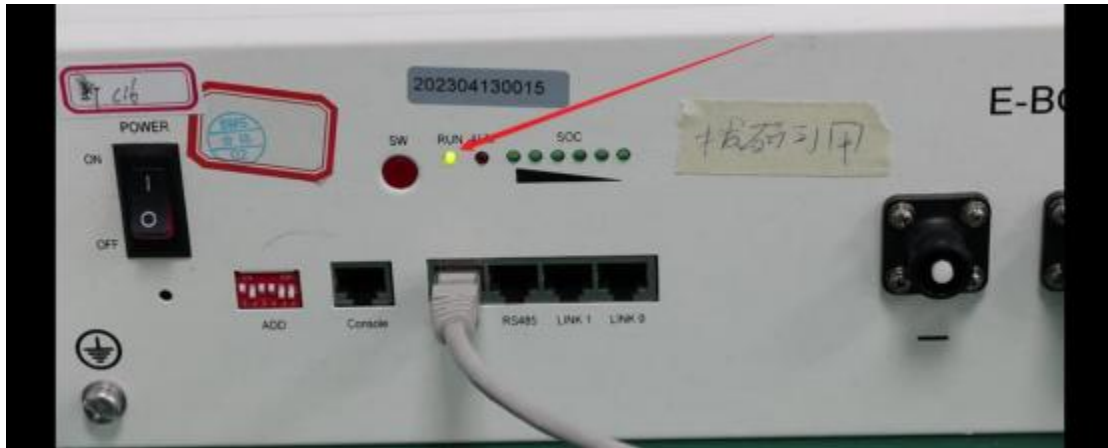
1. Power on the switch.



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.



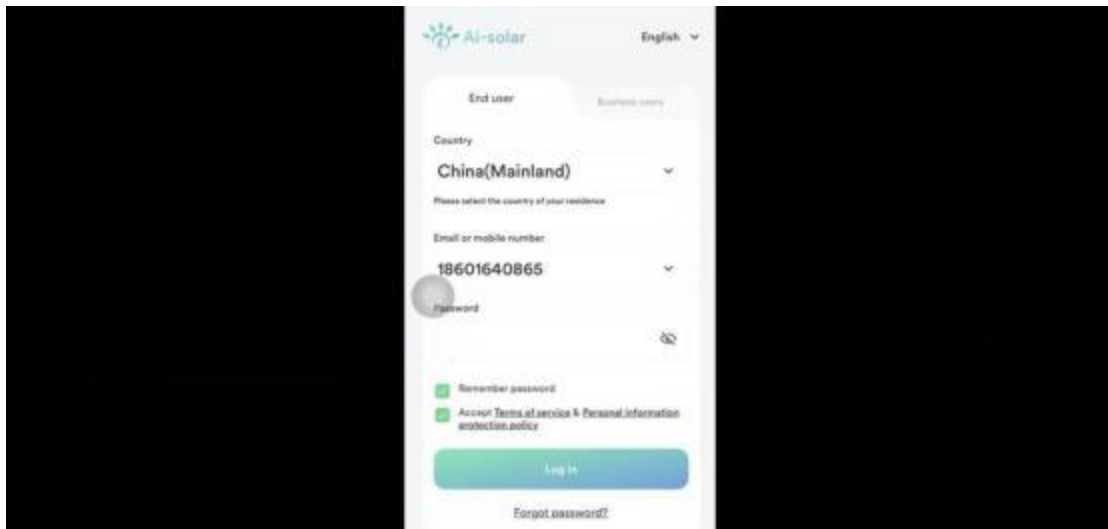
## Monitor System

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

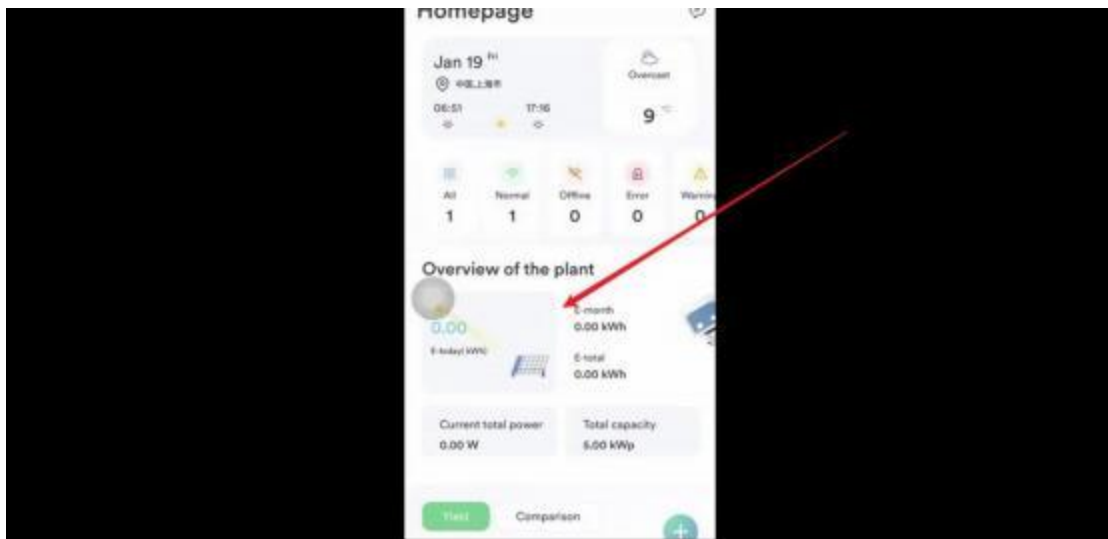


**Ai-solar** 4+  
 AISWEI Technology Co., Ltd  
 Designed for iPhone  
 Free

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.



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

