MOTOMA®

Power into the Future

# QUICK START MANUAL

## Connect MOTOMA Lithium Battery

## with Deye inverter

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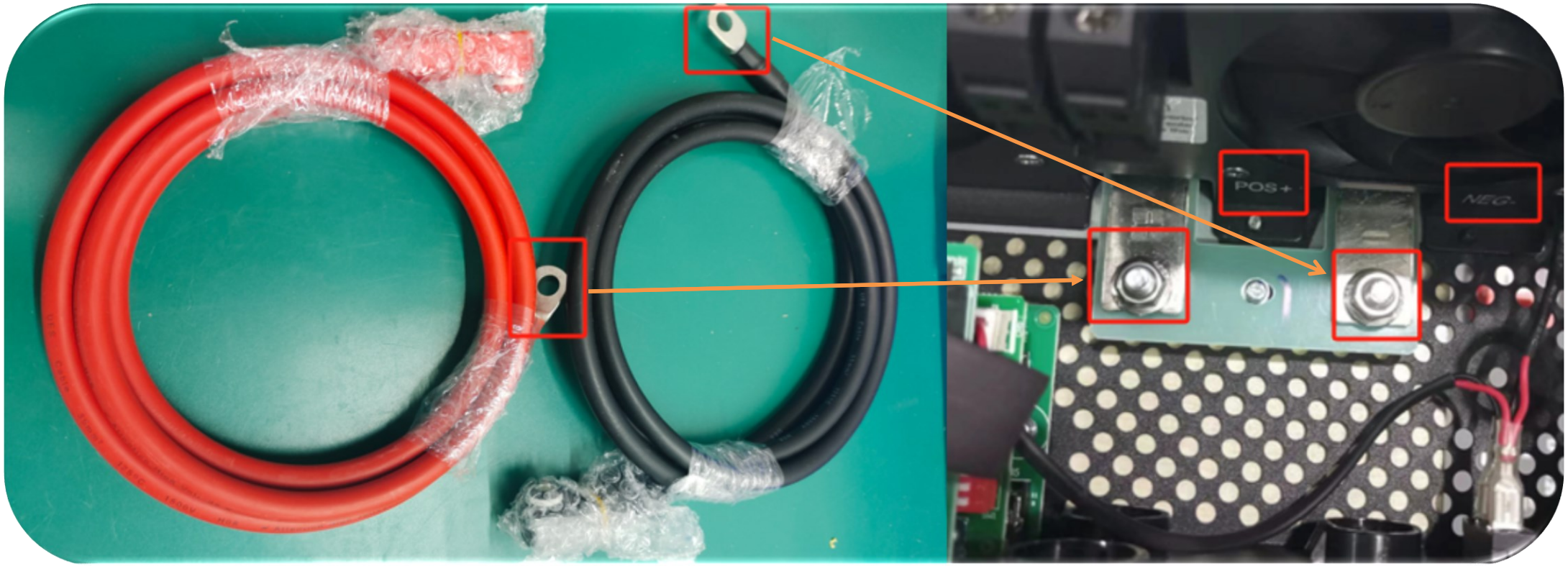
**BMS communication protocol cable**


**Deye Inverter**

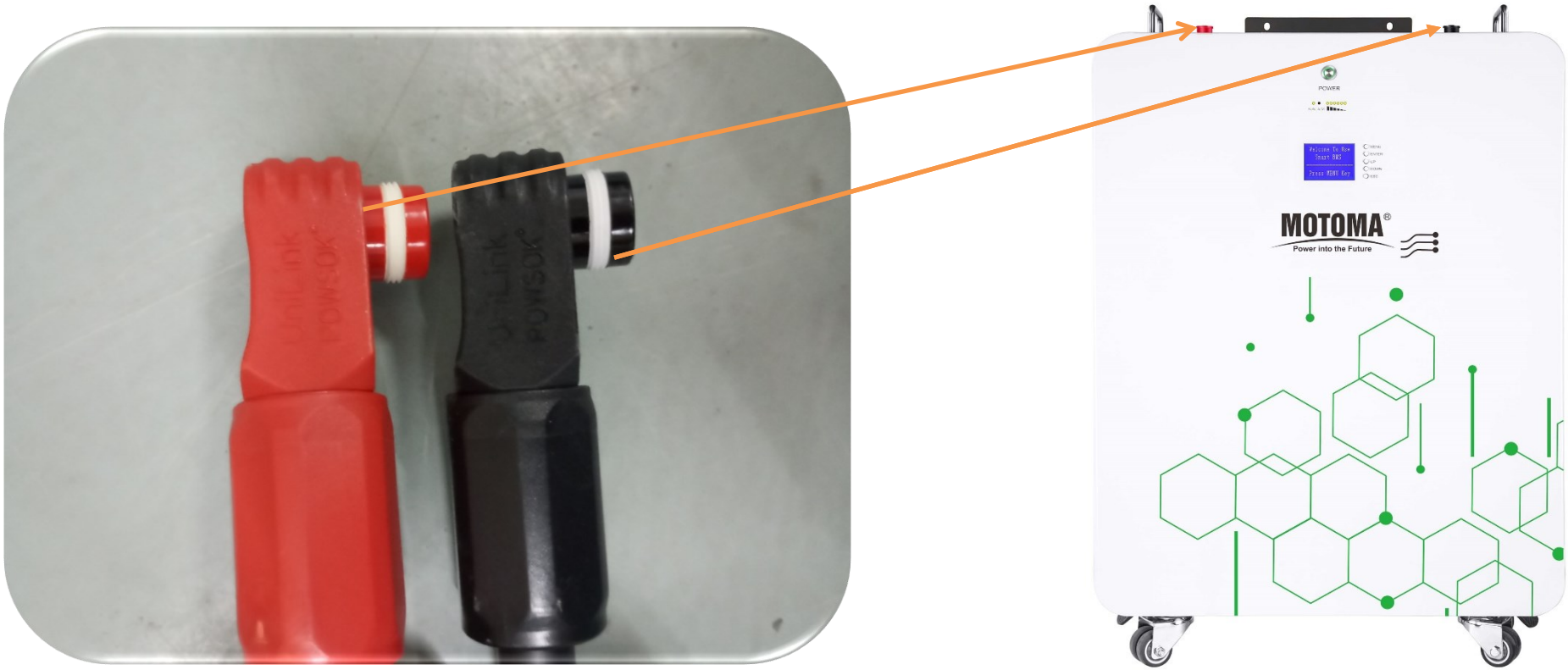

**Motoma Lithium Battery**

## ❖ Power cables wiring operation :

Connect the positive and the negative cable to inverter correctly.

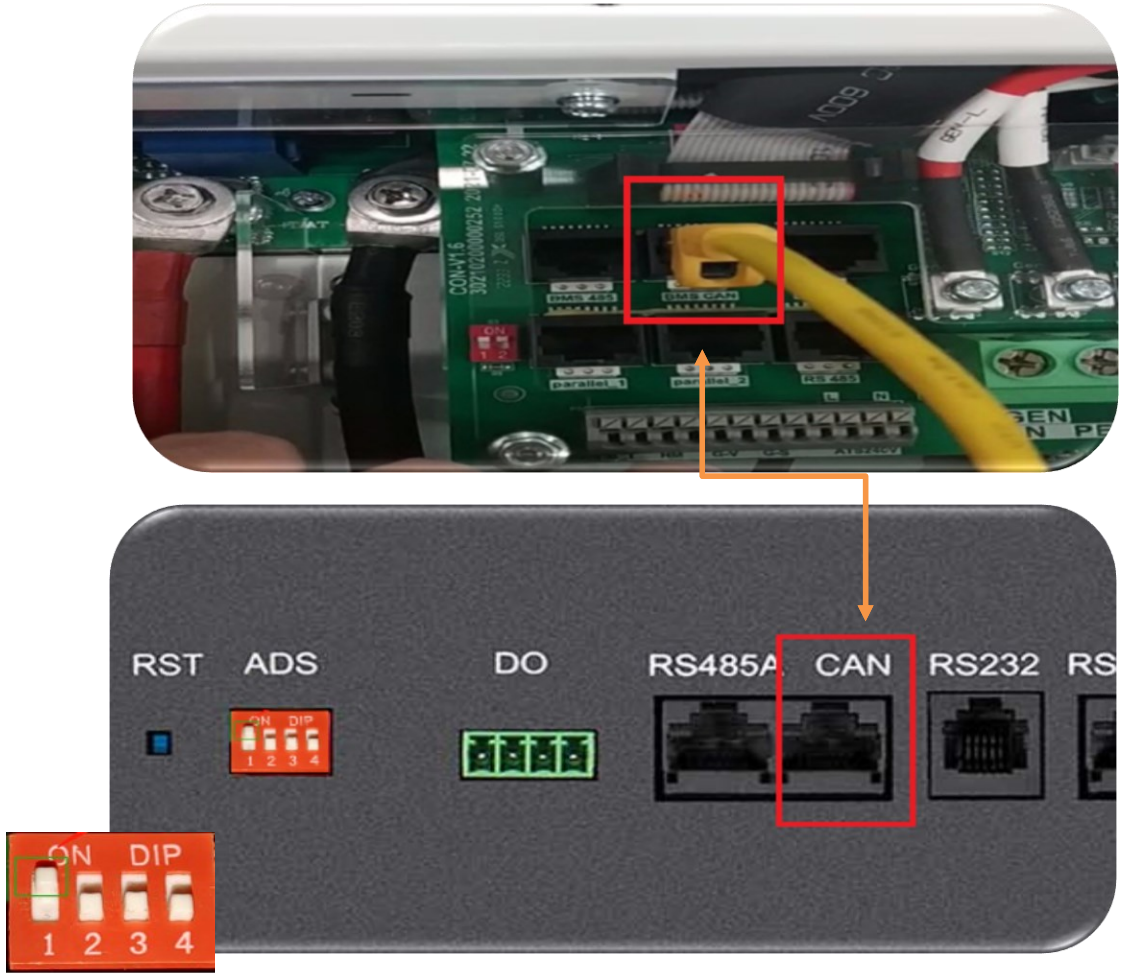


# Connect the positive and the negative cable to battery correctly.



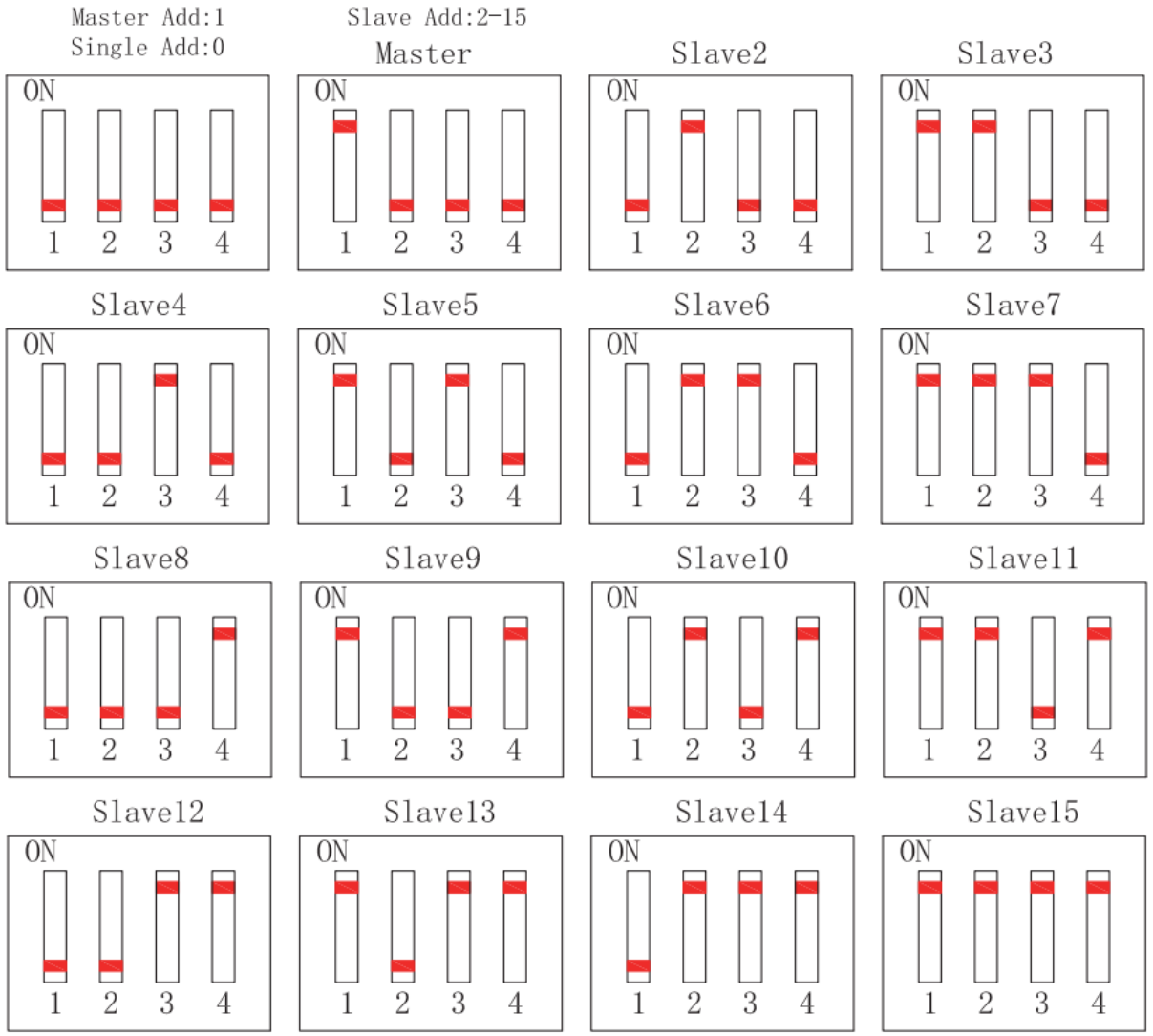
## ❖ BMS Cable wiring operation :

One end of the communication protocol cable is connected to the CAN Port of the inverter; the other end of the cable is connected to the CAN/RS485 Port of the battery. ADS of a single battery is dialled 1 (wrong dialling will lead to the communication failure). If 2 machines are used in parallel, dial 1 for the master and 2 for the slave.



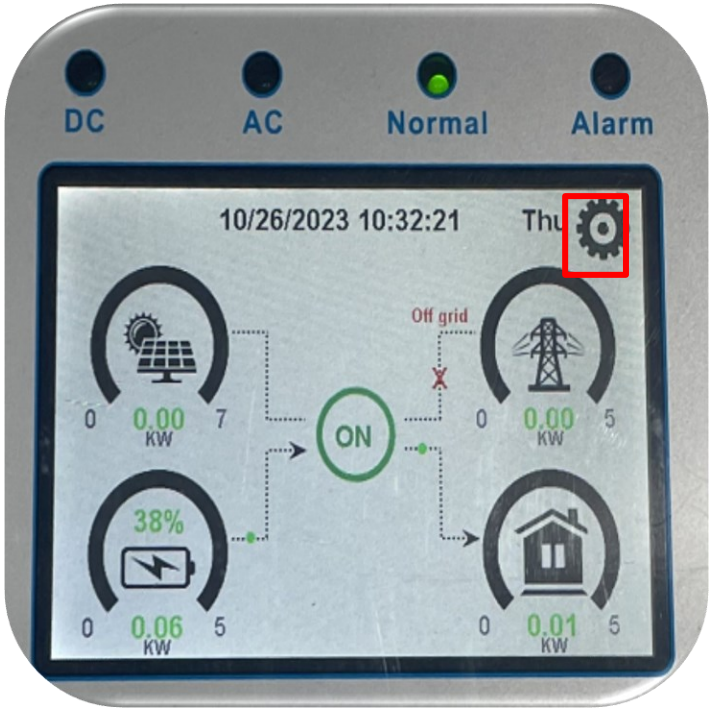

BMS Communication Cable

## ❖ DIP switch positions :



# ❖ Inverter Setting Communication Procedure :

**1.** Click on **Settings** in the top right corner.



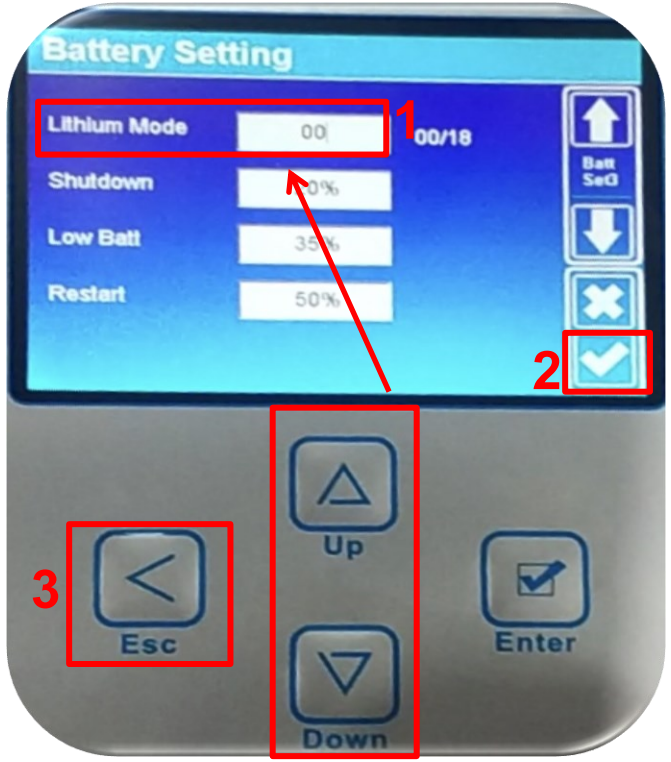

**2.** Click on the **Battery Setting** button.


**3.** Select **Batt Mode**: **Lithium**. Press the **confirmation** button in the bottom right corner.

**4.** After pressing the confirmation button, it will automatically return to the System Setup page.
Click the **Battery Setting** button again.

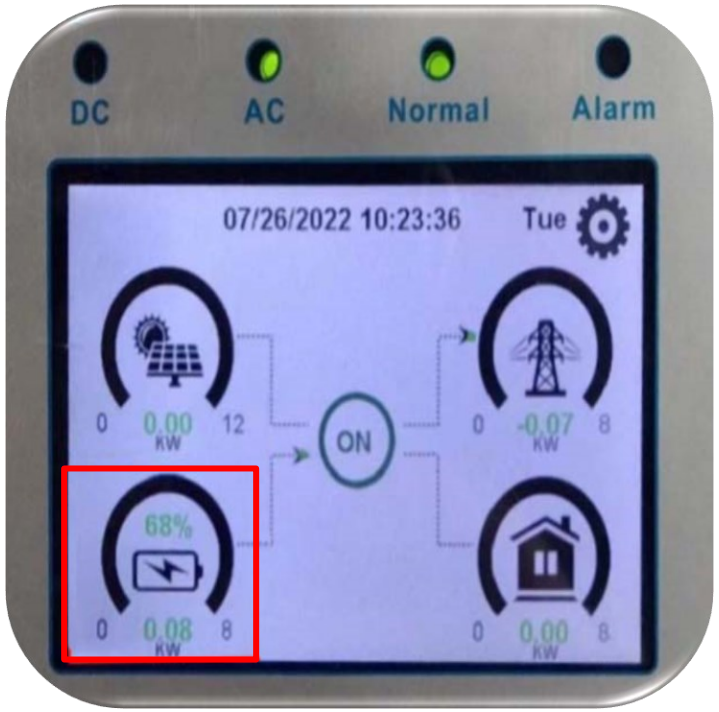

**5.** Then press the **Down** button **Twice.**


**6.**Select **Lithium Mode** and click **UP / Down** on the panel to select **00 protocol,** and press the **confirmation** button**.**
Finaly press **ESC** button to exit to the initial page.



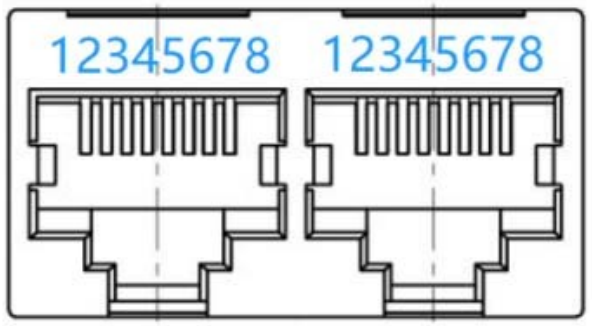
**7.** Click the battery interface in the lower left corner to enter the BATT page, and you can see the parameters of the battery.

**8.** Click the **LI-BMS** in the right corner to see the charging and discharging current and voltage of the battery.





# ❖ Communication Protocol Definition




RJ45脚位

| Lable | 485A | 485B | CAN L | CAN H |
|---|---|---|---|---|
| Inverter Deye | 2 | 1 | 5 | 4 |

| Lable | 485A | 485B | CAN L | CAN H |
|---|---|---|---|---|
| Battery | 2 | 1 | 5 | 4 |