

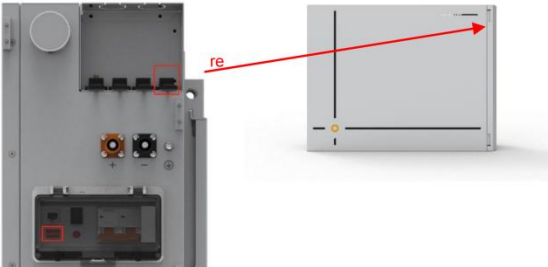
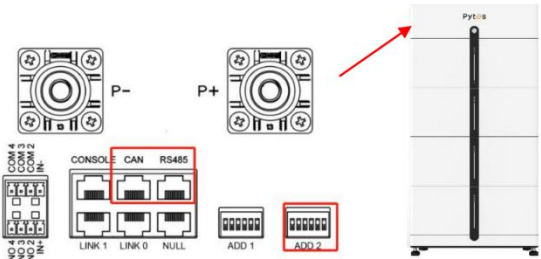


Pytes Low Voltage Battery Series Configuration Guide With SRNE

**Pytes Lithium Battery
With HF/HFP 48V Series**

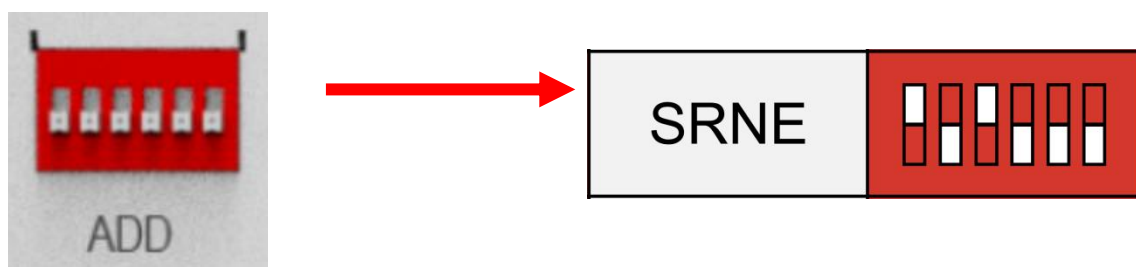


Pytes low voltage battery interface overview

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.



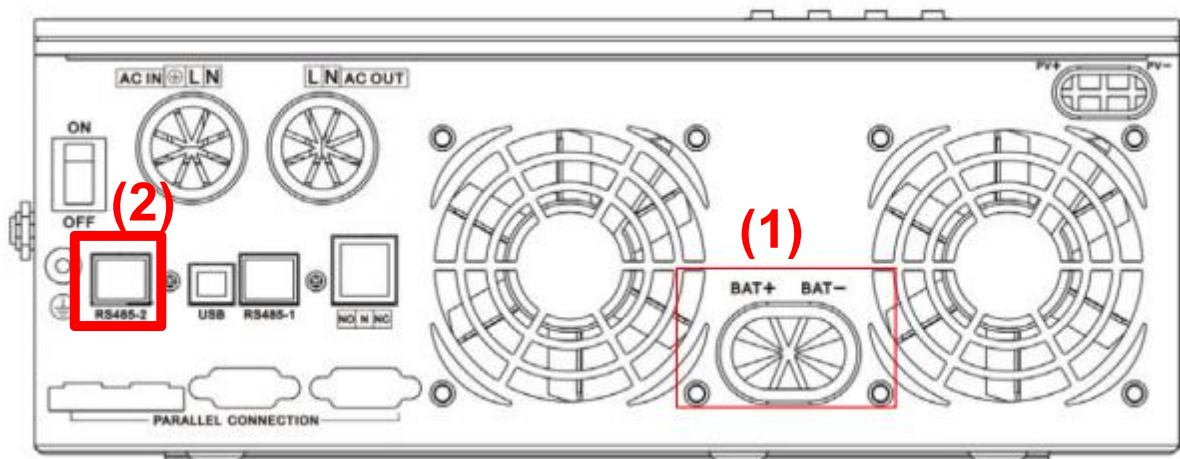
Select the correct the communication cable between battery and Inverter

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	
5	CAN-L	
6	GND	
7	RS485A	RS485A
8	RS485B	RS485B

1. Cable Connection

1. Connect the power cables between inverter and battery or the Busbars. See the (1) on Pic 1.1 to check the position of SRNE Battery Connectors.
2. Plug in the battery end into the RS485 port of the Pytes battery(Check page 2) and plug in the inverter end into SRNE RS485 Port as shown (2) on the Pic1.1.



Pic 1.1.

2. Start up the system

Start up the inverters and batteries.

3.Change the battery setting of the inverter

※**CAUTION:**If you want more details about the batteries settings, please check the operating manual of inverters

Step1.

For V Series/48100R series ,08 program should be set to L16.
For 4850,08 program should be set to L15.



Pic 3.1

Step2.

Turn to the 30 program,you can set it to1.



Pic 3.2

Step3.

Turn to the 32, set it to 485 . (For some inverter models, BMS may be selected)



Pic 3.3

Step4.

For program 33, the protocol should be SRNE, as shown in the figure.



Pic 3.4

4.System monitoring

※ **CAUTION:** If you want more details about system monitoring , please check the operating manual of inverters.

In the Google Play Store, search for "**SmartESS**" to download and install Google browser,scan the QR code to download the APP.

