



Pytes Low Voltage Battery Series Configuration Guide with MUST

Pytes Lithium Battery
with MUST 48V Hybrid Series

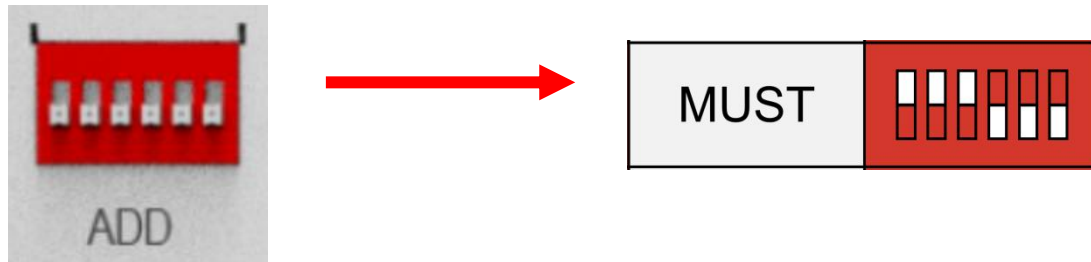


Pytes low voltage battery interface overview

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

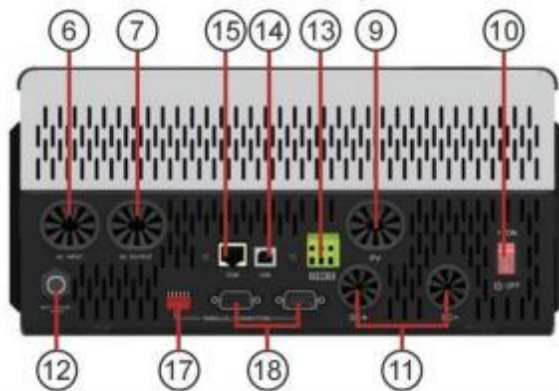
1. Power Cable Connection

Step.1

Open the front housing of the MUST .

Step.2

Connect the red and black cables to the inverter DC connector as shown in Pic 1.1.



- | | |
|-------------------------|--------------------------------|
| 6. AC Input | 13.Dry Contact |
| 7. AC Output | 14.USB |
| 8. FAN | 15.RS-485 Communication port |
| 9. PV Input | 16.USB WiFi |
| 10. Power On/Off Switch | 17.Parallel switch |
| 11. Battery Input | 18.Parallel communication port |
| 12.Circuit breaker | |

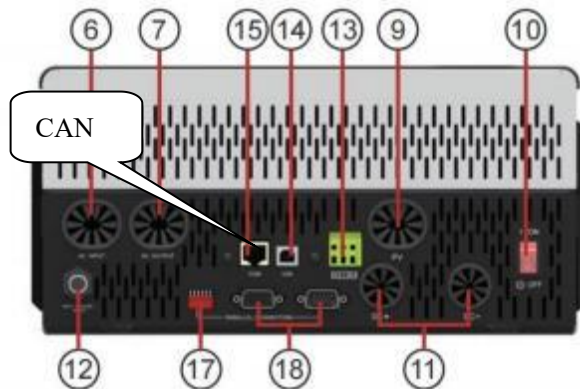
Pic 1.1

Step.3

At the other end of the cable, connect to the battery (Ensure that the battery power switch is off)

2. Communication Cable Connection

Connect the end of the cable to the inverter communication port as shown in pic 2.1.



Pic 2.1

Connect the other end of the cable to the battery communication port (Check page 2&3)(Ensure the correct sequence of wires inside the communication cable 4-6,5-5)

4. Start up the system

Start up the inverters and batteries.

5. 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 48100,14 program should be set to Li.



Pic 5.1

Step2.

Turn to the 41 program,you can set it to 0.



Pic 5.2

6.Check the battery soc

Step.1 Turn back to home screen. If the battery communicates with

the inverter successfully, the Soc will be displayed on the home screen.



Pic 6.1

7. System monitoring

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

Scan QR code for manual



Pic 7.1