

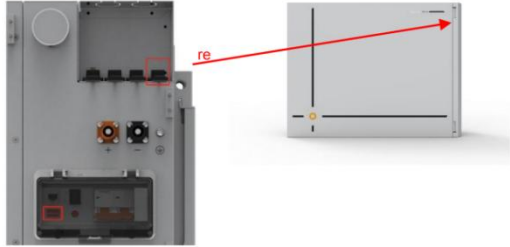
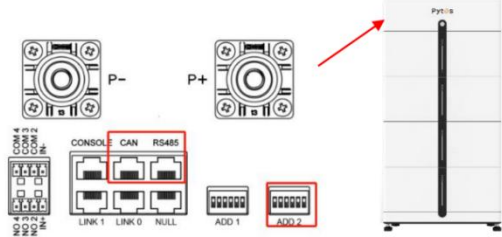


Pytes Low Voltage Battery Series Configuration Guide with Hoymiles

**Pytes Lithium Battery
with Hoymiles Hybria series HYS-LV-EUG1/HAS-LV-EUG1**

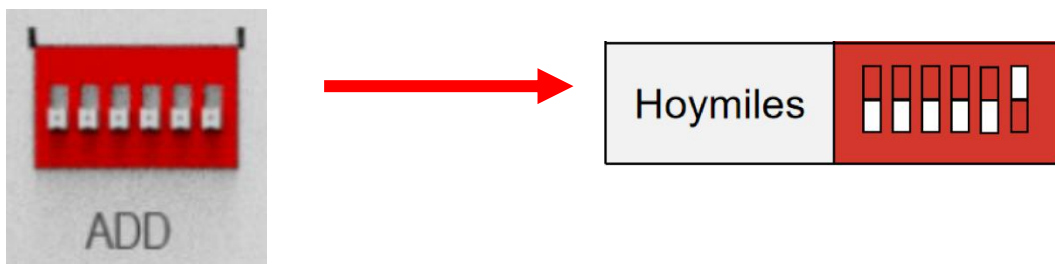


Pytes low voltage battery interface overview

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

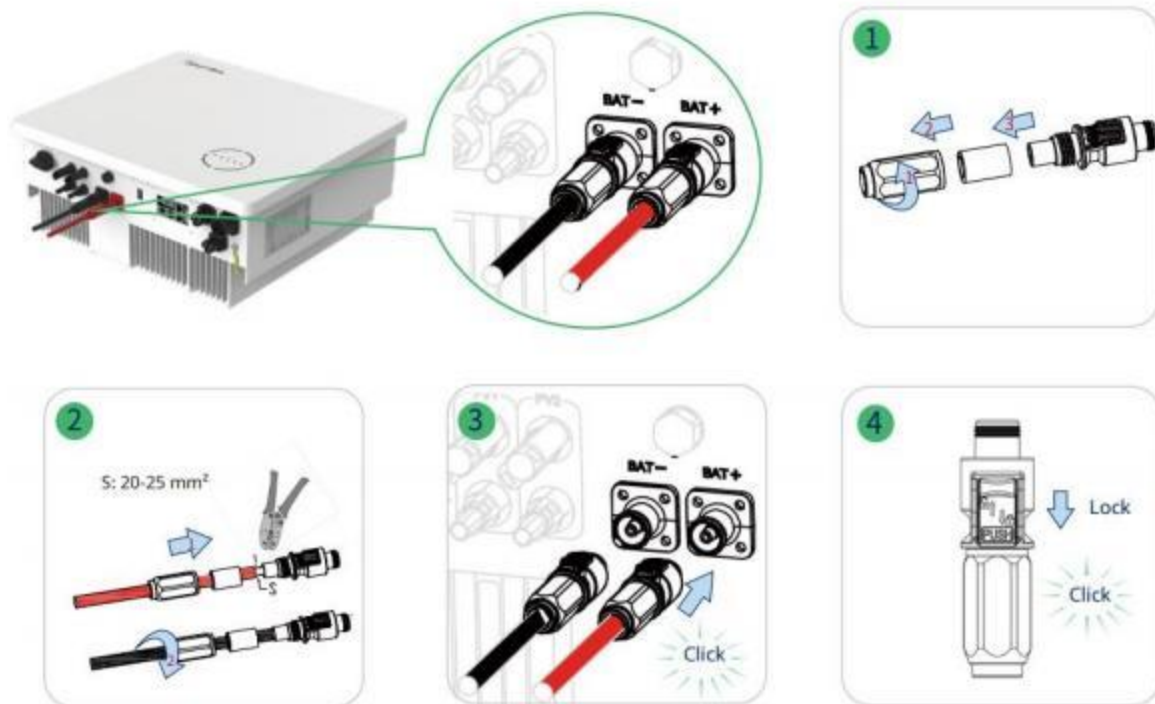
Select the correct the communication cable and the correct pinout of communication port on the battery according to the Pin Definition List. If the pin definitions of the battery and inverter align, a standard ethernet cable can be used. Otherwise, the cable needs to be adjusted.

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	

1. Power Cable Connection

Step.1

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



Pic 1.1

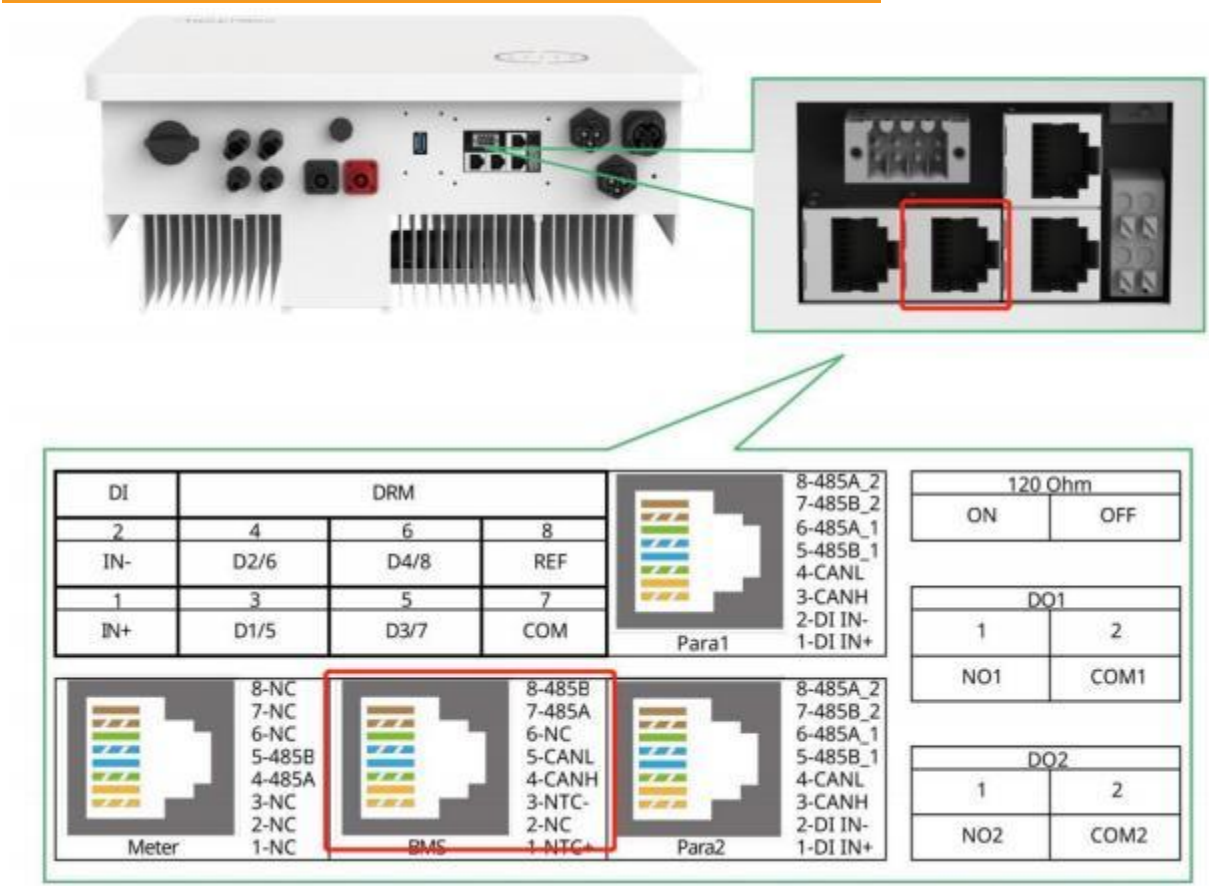
 NOTICE	Use the battery connectors in the accessory box for battery connections.
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Step.2

At the other end of the cable, connect to the battery.

2. Communication Cable Connection

Connect the end of the cable to the inverter communication port as shown in pic 1.2. Make sure which communication port to use.



Pic 1.2.

Connect the other end of the cable to the battery communication port.(Check Page2)

3. Start up the system

Once the unit has been properly installed and the batteries are connected well, turn on the batteries, then turn on the Battery Breaker (if have), Grid Breaker, Backup Breaker and Main breaker to power the system.

4.Change the battery setting of the inverter

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

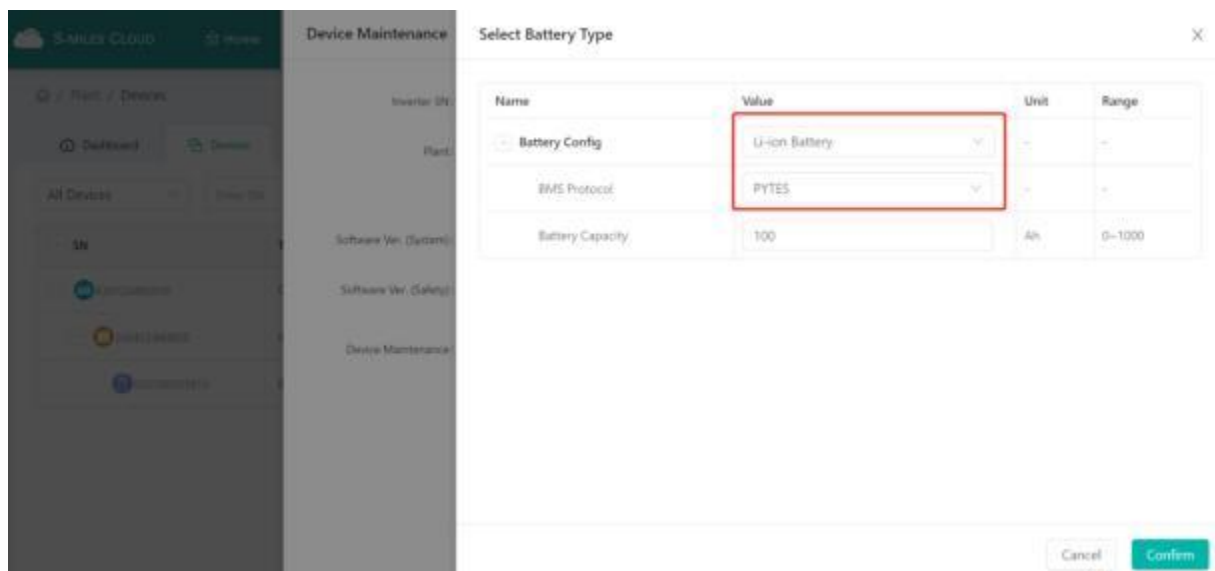
Step1.

Log in with your account and password on S-MILES Cloud.



Pic 4.1

Select Li-ion Battery and PYTES BMS protocol.



Pic 4.2

5. System monitoring

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

Please download the S-Miles Cloud App from the Google Play Store or the Apple App Store. The QR code below can also be scanned to download the App. **Please refer to the S-Miles Cloud User Manual from www.hoymiles.com/resources/download/ for details.**

Download the app from the app store.



S-Miles Installer



S-Miles End-user

Pic 5.1

END