



Pytes Low Voltage Battery Series Configuration Guide with Phocos

**Pytes Lithium Battery
with Phocos Any-grid PSW-H 48V Series**

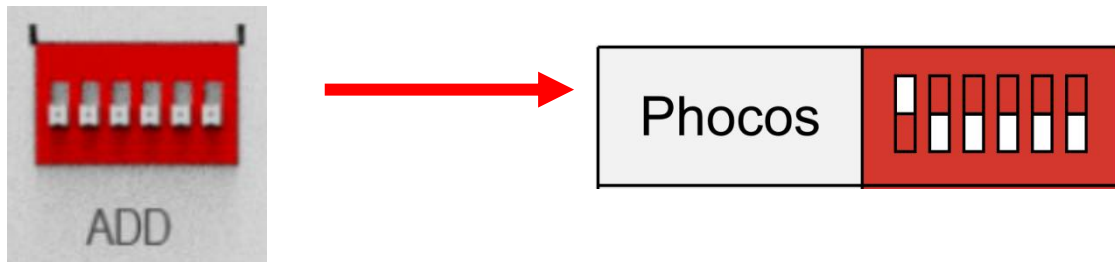


Pytes low voltage battery interface overview

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

Connect the cables and set the DIP Switch

1. Connect the power cables between inverter and battery or the Busbars.
2. Plug in the battery end into the **RS485 port** of the Pytes battery(Check Page2) and plug in the inverter end into Phocos **BMS Port** as shown in the Figure1.1

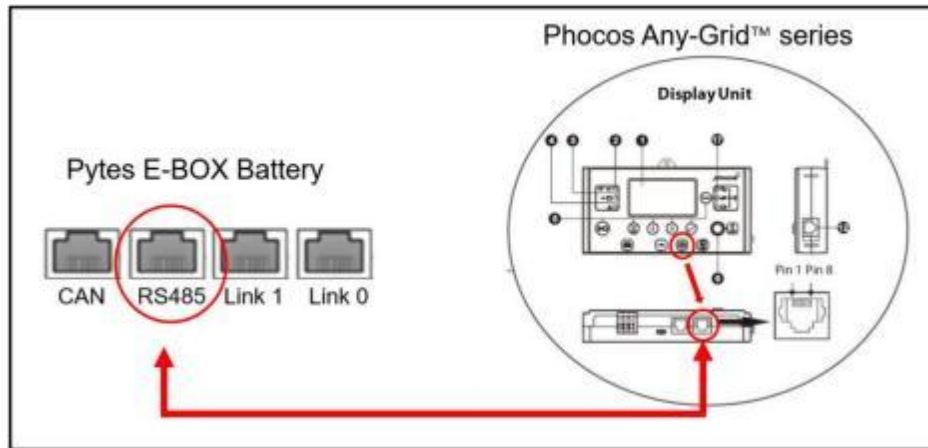


Figure 1.1 Phocos inverter comm cable connection

Program the inverter

Press  for 3 seconds to enter settings mode.

Press  or  to select between settings menus. Once selected, press  to confirm the selection or to exit without confirmation.

Select 05 (Battery type) and set the value to  (RS-485) as shown in Figure 2.1.



Figure 2.1 Phocos inverter battery type selection

Please refer to the [Phocos AnyGrid Hybrid inverter manual](#) for more setting such as Grid Setup, PV Setting, etc.