

# Pytes Low Voltage Battery Series Configuration Guide with TBB Power

**Pytes Lithium Ion Battery  
With TBB RiiO Sun II Series**

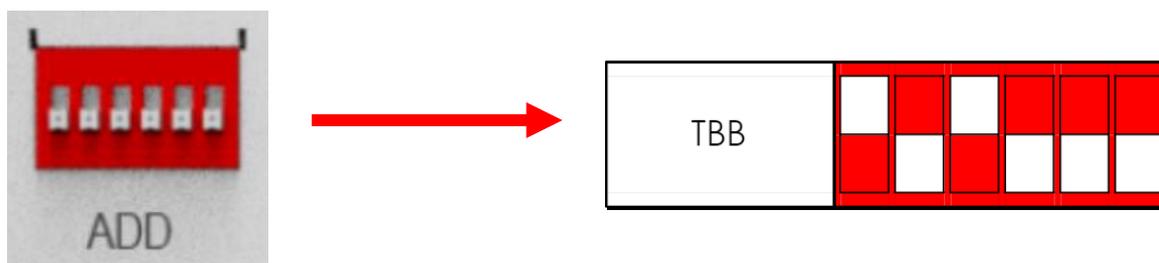


## Pytes low voltage battery interface overview

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

## 1. Cable Connection

1. Connect the power cables between inverter and battery or the Busbars. See the Pic 1.1 to check the position of TBB inverter Battery Connectors.
2. Plug in the battery end into the CAN port of the Pytes battery (Blue ethernet cable) and plug in the inverter end into TBB “ComSync In” Port as shown in the Pic1.1.



Pic 1.1

## 2. Start up the system

Start up the inverters and batteries.

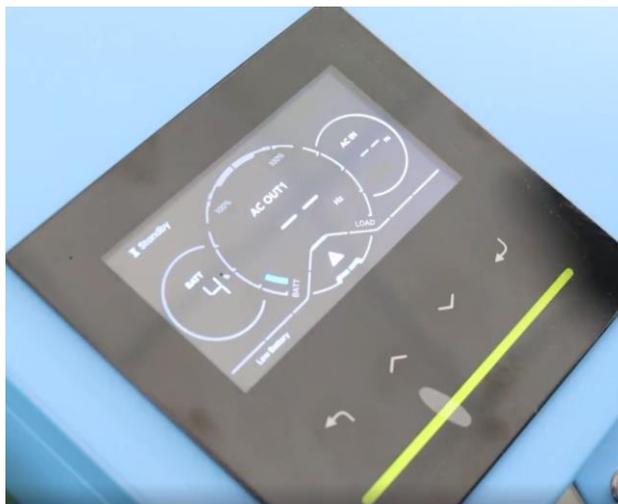
**\*Follow Battery user manual for startup and shutdown steps**

## 3. Change the battery setting of the inverter

※CAUTION: If you want more details about the battery's settings, please check the operating manual of inverters

**Step1.**

Start inverter and wait for led strip on inverter to turn green. Battery is successfully connected with inverter and You can check the battery SOC and other information from inverter display. You can see battery SOC and other information.



Pic 3.1.

## 4.System monitoring

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

Scan the QR code to download the android mobile APP of TBB inverter to see more details. Visit TBB website to download other versions of online monitoring system

