

# SOP of BYD Battery Installation

For BYD B-BOX2.5/5.0/7.5/10/B-Plus  
12.8 with ARM version of ES

Edit by:Eric Approved by:Robben Date: June 2nd, 2017 Version: V1.2Warning

**A**

## Warning

Make sure that the inverter and the battery pack is turned off before connecting the battery pack to the inverter Refer to Pic.1

Note: If connect two or more battery packs, the ADDR must be set to be different.



Pic.1

**B**

To connect the cables coming from the inverter to the BYD battery pack, take the following steps.

Connect the power cables to the terminal block of BYD battery pack.

Connect the negative cable to the "P-" and the positive cable to the "P+". (Refer to Pic.2)



Pic.2

**C**

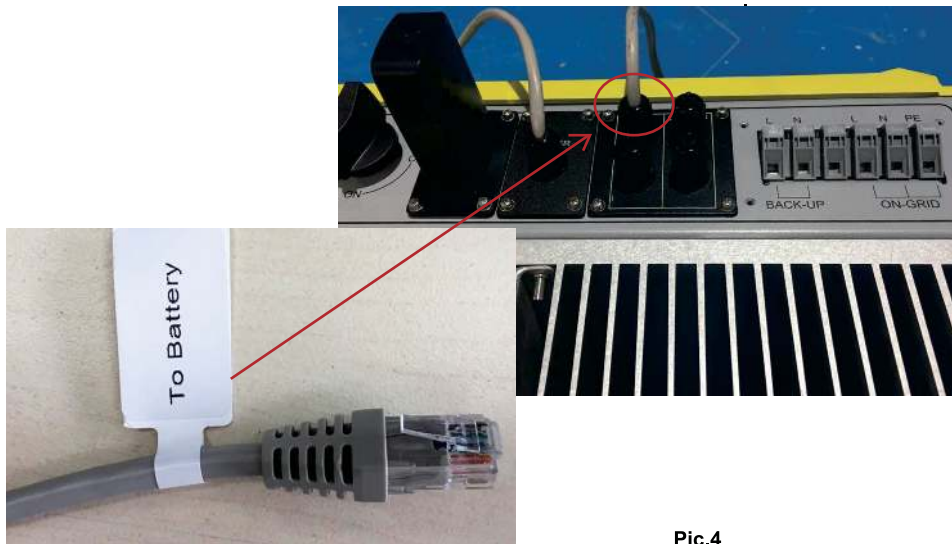
- Cut off the plastic skin of the cable,
- Put the cable through the inverter terminal cover plate
- Plug the metal part into the battery R-type terminal (25-8) which in GoodWe accessories box, then crimp the terminal to make sure it is fastened
- Connect the power cable to the terminal block of the hybrid inverter and restore the inverter terminal cover plate. (Refer to Pic.3)



Pic.3

**D**

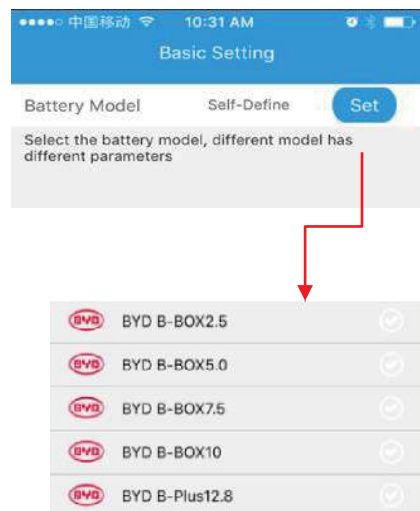
The communication cable for battery is attached on the inverter (See Pic.4)  
Please use this cable as battery communication cable.

**Pic.4****E**

The other side of "To Battery " cable should be connected  
CAN port of BYD BMU box(Pic.5)

**Pic 5****F**

On EzManage, should choose the right battery type used in your system by "Battery Model" selection (Pic 6) or battery communication will fail.

**Pic 6****G**

After all connection and settings done, please check if battery communication is OK on EzManage → Param → Battery → BMS Status, which should be "Communication OK" (Pic 7)

**Pic 7**