



First, Preparation before installation  
 Make sure the batteries are of good consistency. The volt difference is no more than 0.05V, inner resistance is no more than 5mΩ, capacity difference lower than 30mAh. Connect the batteries in parallel first and then in series. The better performance of batteries consistency is, the higher performance of the BMS.

Second, wiring instructions

Attention: please use our wires for our BMS. Don't use other factories' wires which can't match with our BMS.

Step 1, B- (blue thick wire): Connect to battery pack total negative pole -

Step 2, Disconnect the wires for batteries from the BMS side.

Step 3, Connect the wires to batteries. Start from the thick black wire to total negative pole (B1-), then connect the 2nd red thin wire to the 1st battery positive pole (B1+) B2+, B3+, B4+, ..... till the last red thick wire.

Step 4, Finishing all the wires to each battery, don't plug into the BMS directly. We suggest you use a multimeter to measure the voltage of two adjacent metal terminals (You can see the white connector with silver metal pins on the BMS). If the voltage is 3.0~4.2V (LiNC-M), 2.0~3.6V (LiFePO4), 1.5~2.75V (LTO), which means the wiring is correct.

Step 5, Ensure the wires are connected to batteries correctly, all voltage is normal, you can plug the wires into the BMS.

Step 6, P-: Connect P- (black thick wire) to load - and charger -  
 (if you ordered "common port")

Charger+ connect to C- (yellow wire) load+ connect to P- (Black thick wire)  
 (if you ordered "separate port")

Step 7, charger+ and load+ connect to battery +, please use thick wire

Third, Measure the total volt of the pack, and the output voltage of the BMS. If the voltage is the same, it means the wiring is correct. You can use the BMS now. Otherwise please check the wiring again according to the tips above.