

4 Batteries in parallel connecting manual TB12100F-M110A

Connecting Steps:

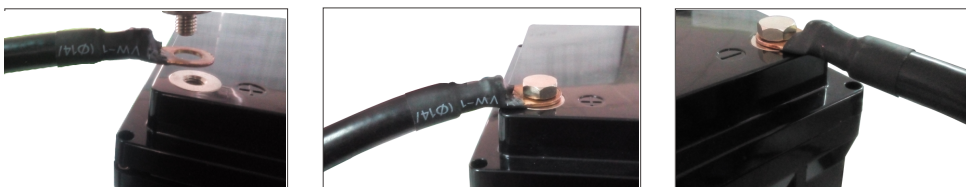
1 Preparation Material

<p>OT connector 10PCS (Bare >100A current)</p> 	<p>Heat Shrink Tube 10PCS (4cm/PC)</p>  <p>1.5cm 4cm</p>	<p>Wires(Bare>100A, Length depends on customer)</p> 	<p>TB12100F-M110A 4PCS (Voltage difference <0.2V)</p> 
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- 2 a: Weld OT connectors and wires tightly, b: cover the connecting part between OT connectors and wires by Heat Shrink Tube.

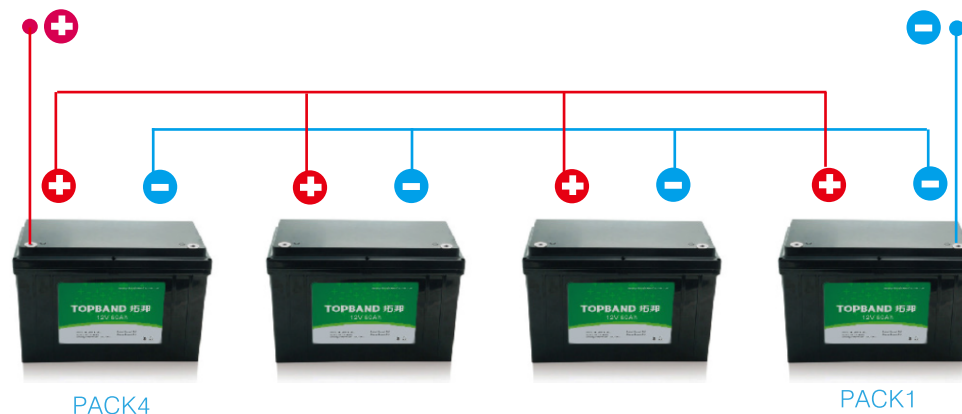


- 3 Connecting the batteries according the below pictures by finished wires from step 2, and make sure the total Anode out from **PACK4** positive pole ,while cathode out from **PACK1** negative pole.



Anode

Cathode



Caution:

Severe damage like Sparking, Short Circuit will happen if no professional person to assemble and maintain.

1	Must make sure 4 packs with the same voltage level by full charge each pack before re-parallel using.(Voltage difference<0.2V) .
2	Do not reverse connecting the Anode and Cathode, or else will damage batteries or machine.
3	Wires much bare > 100A,suggest using original wires.
4	All the packs charging with 14.6V.
5	Make sure no virtual connection, looseness, and connector protect from corrosion resistance, wear resistance, seismic features. Connecting impedance < 0.1mΩ,
6	Forbid to use them in series , or else will cause spark,Short Circuit.
7	Make sure capacity stay with 50%~60% when storage the batteries, temperature: 0~35℃, humidity: 75%~ 65%, and full charge them every 3 monthes.