


■ 4 CONNECTING STEPS TO USE UE-12Li100BL IN SERIES ■

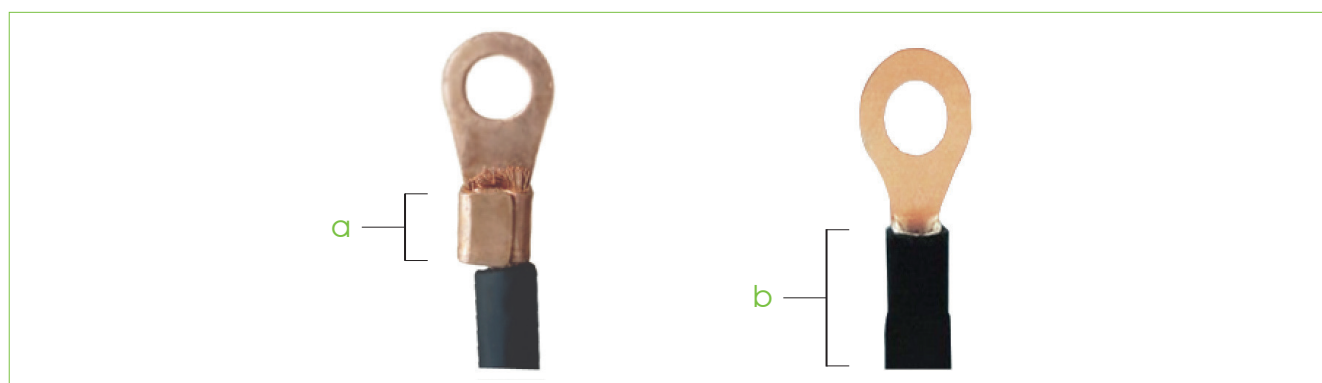
Connecting Steps:

1 Preparation Material

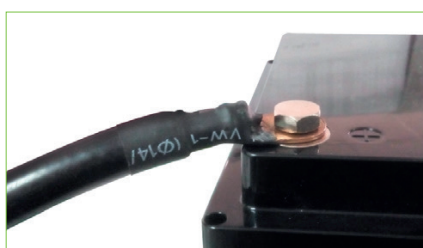
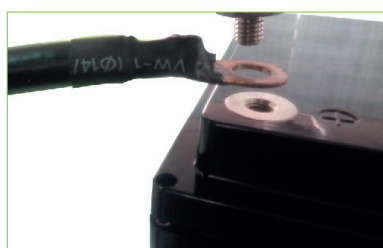
<p>OT connector 10PCS (Bare >100A current)</p> 	<p>Heat Shrink Tube 10PCS (4cm/PC)</p> 	<p>Wires (Bare > 100A, Length depends on customer)</p> 	<p>UE-12Li100BL 4PCS (Voltage difference < 0.2V)</p> 
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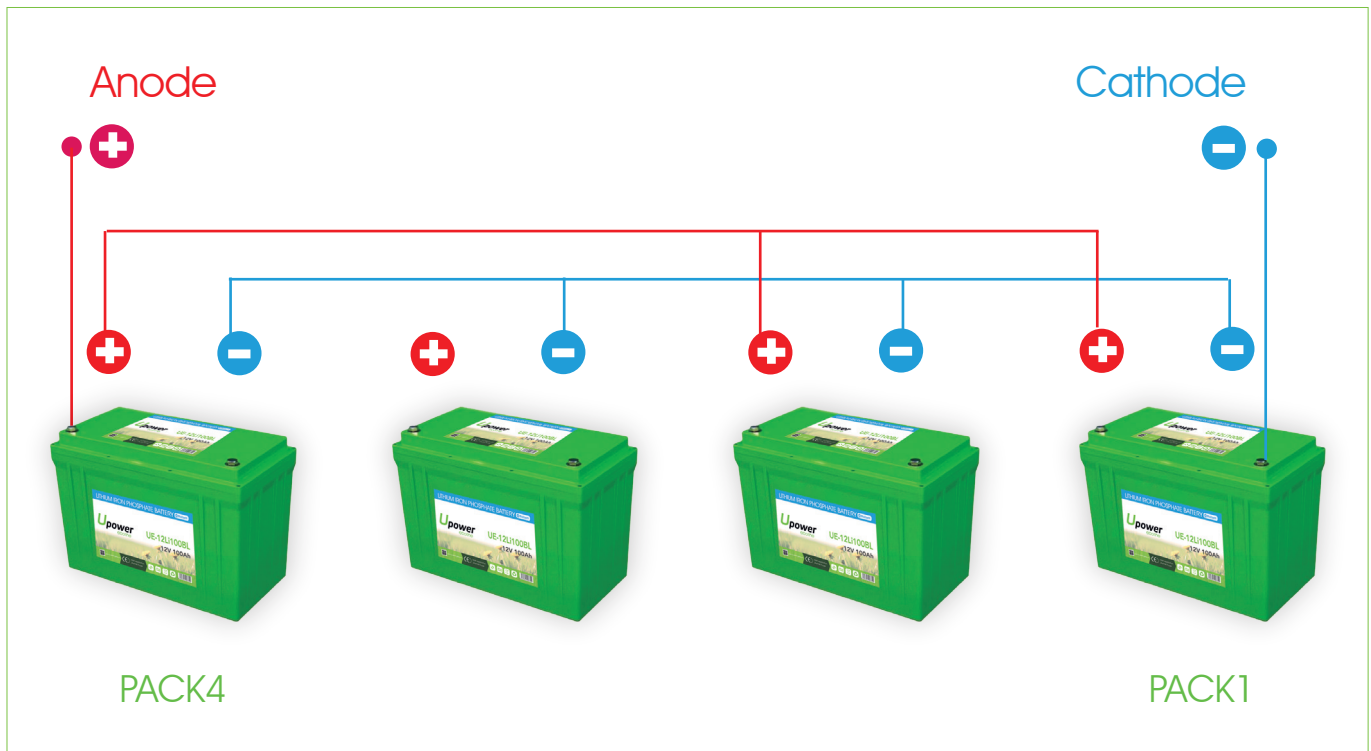
2 a: Weld OT connectors and wires tightly.

b: Cover the connecting part, between OT connectors and wires, with the Heat Shrink Tube.



3 Connect the batteries according to the pictures below with the finished wires in step 2, and make sure the anode that comes out from **PACK4** is on the positive pole, while the cathode that comes out from **PACK1** is on the negative pole.





Caution:

Avoid damages like Sparking: Short Circuit will happen if the assemblies or the maintenance is done by a non-professional.

1	Make sure the four packs have the same voltage level by charging each one of them completely before using them in series (Voltage difference < 0.2V).
2	Do not reverse the connection between the anode and the cathode, or else the batteries or machine will damage.
3	Wires must bear > 100A. It is suggested to use the original wire.
4	Single packs charge with 14.6V and Series pack systems charge with 58.4V.
5	Make sure there is no virtual connection or looseness and that the connector is protected from corrosion.
6	Resistance: wear resistance, seismic features. Connecting impedance < 0.1mΩ.
7	Do not use them in parallel or else it will cause spark/short circuit.
8	Make sure the capacity stays within 50%~60% when storing the batteries.
9	Temperature: 0~35°C, humidity: 75%~65% and charge them fully every 3 months.