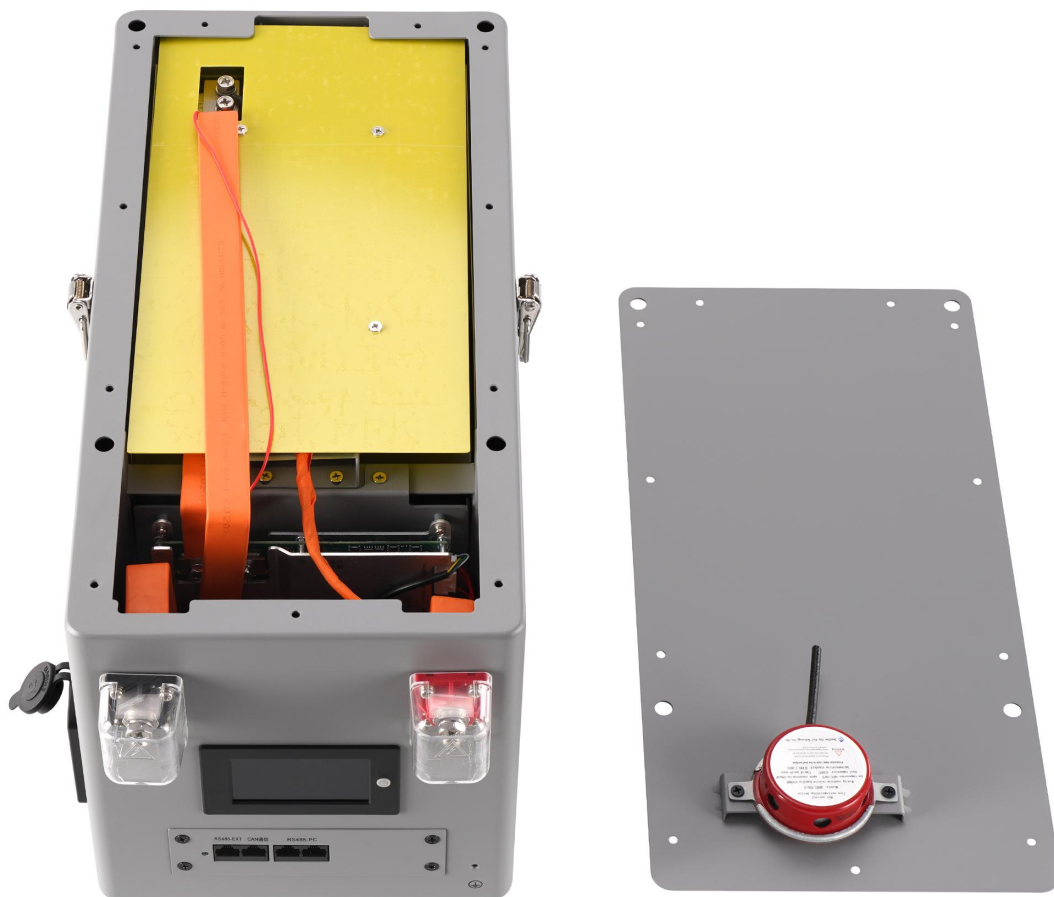




12V DIY Battery Box Kit

Assembly Manual



Preparation

1.Tool Requirements:

Torque wrench (torque range:4–6N·m)

Insulating tape,screwdriver,multimeter

2.Safety Precautions:

Wear insulated gloves before operation and ensure a dry,ventilated work environment.

Avoid short circuits between positive and negative terminals, and keep

Away from open flames

Internal Insulation Application

1.Peel off the long epoxy insulation Sheet from its adhesive backing.

2.Securely affix the sheet to the Designated interior surface of The battery enclosure.

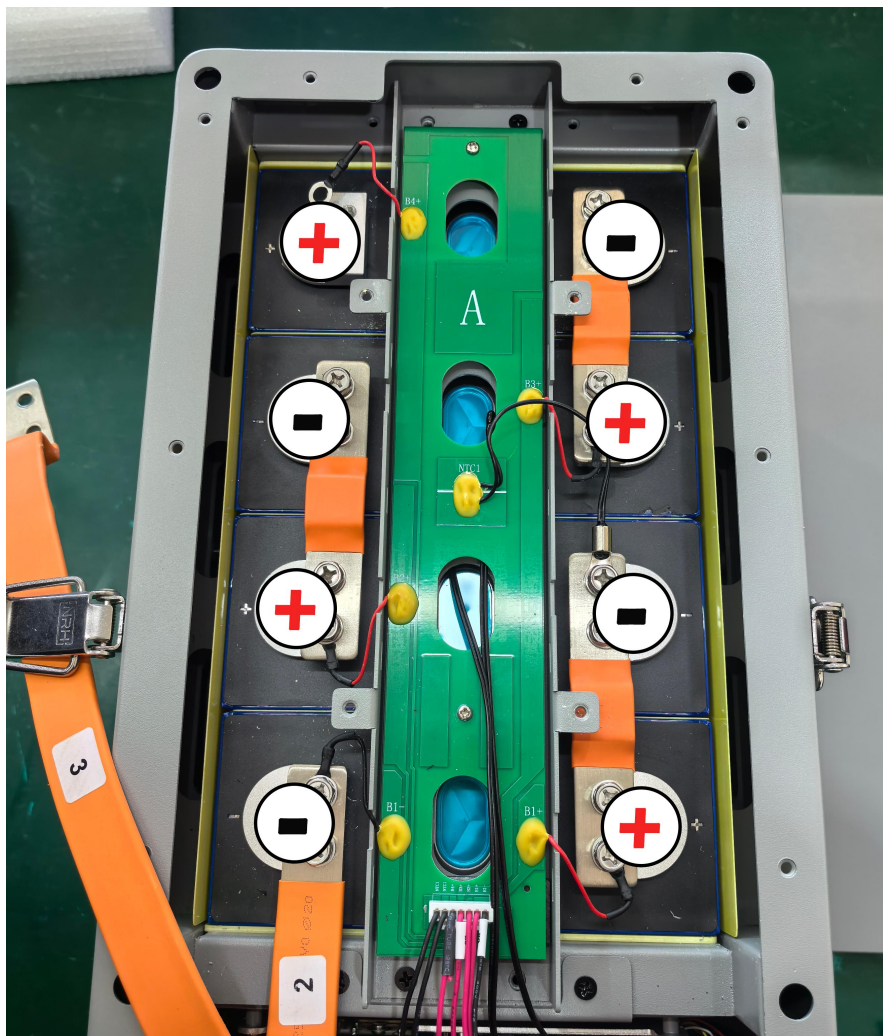


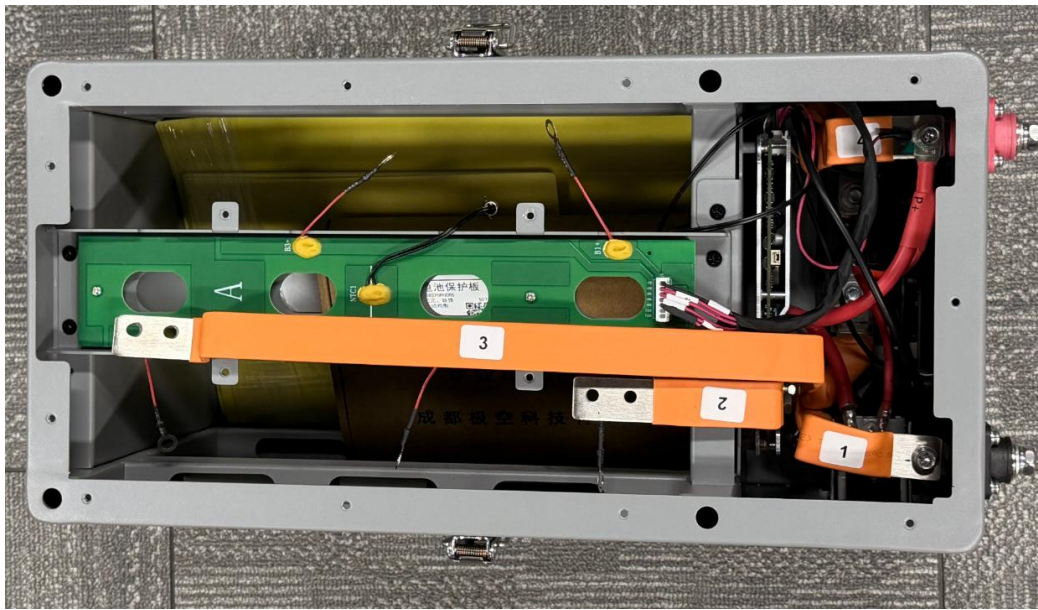
Install the Battery Cells

First, measure the voltage of each battery cell to ensure they are within a normal and consistent range.

Then, carefully place the battery cells into the battery box one by one.

Please make sure to observe the correct polarity, and confirm that the positive (+) and negative (−) terminals are positioned correctly according to the wiring layout.





Final step of assembly

Please pay close attention to the flexible busbar connection method and the connection sequence.

No. 3 flexible busbar connected to the positive pole

Then tighten the PCB retaining strip and secure the cover plate to complete the assembly.



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