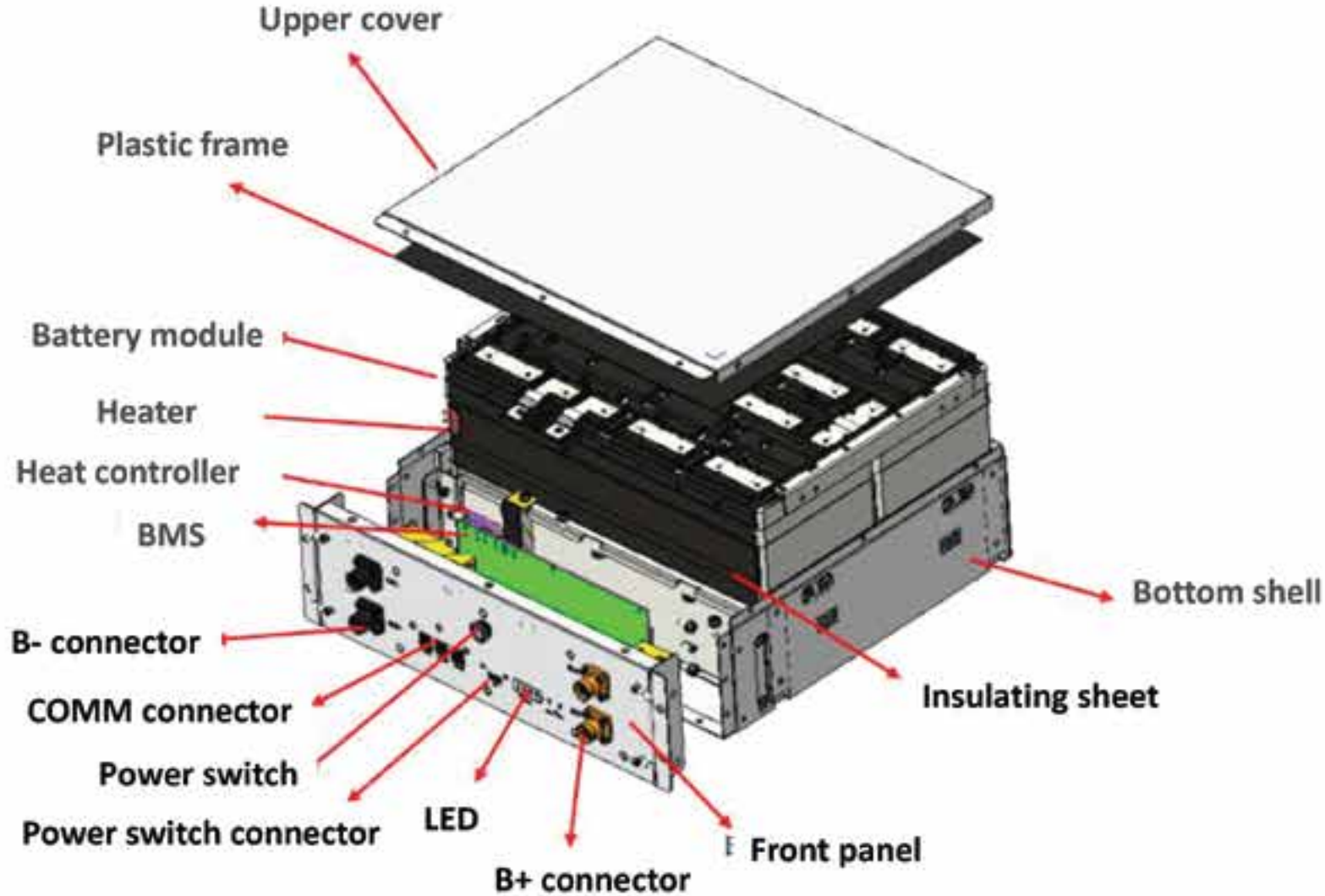
Explode picture



The whole frame---Using mold bending technology, the overall appearance is tougher

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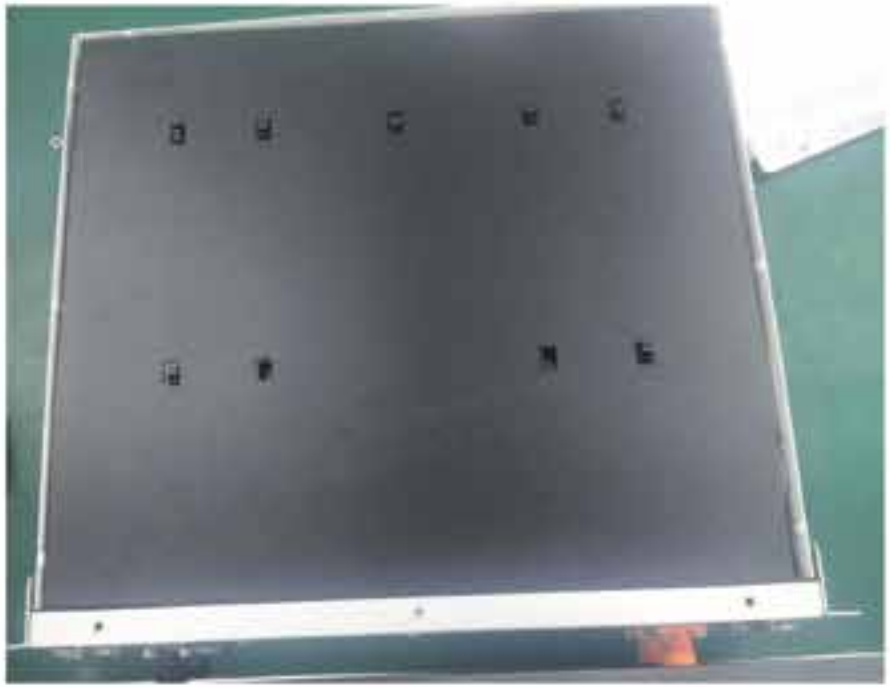
Insulation protection



After opening the battery box cover, you can see a black bracket insulation film, which plays the role of insulation and protection.
Products are safer and more reliable

The entire battery pack is wrapped with insulating film, which is safe and reliable

Partition design between battery cells and voltage collection cables

The sampling insulation bracket separates the battery cell from the voltage collection cable, eliminating the risk of short circuits between the collection cable and the battery cell collection cable, and improving safety

The power connection between the battery cells adopts aluminum laser welding to ensure reliable connection

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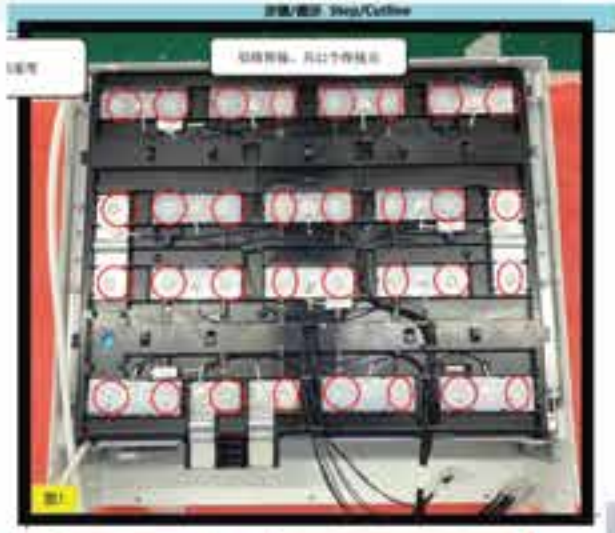
Fixing glue



Voltage collection uses nickel sheets 9 Point laser welding, fixed with fixing glue, reliable connection

4 way temperature sampling

Use 4 Circuit temperature sampling, real-time monitoring of battery cell temperature to ensure the safety of battery cells during charging and discharging

The battery is equipped with a heating film that can be charged at low temperatures, achieving a wide temperature range of -10 ℃ to 50 ℃ for charging

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One heating film on each side

Anti-expansion design for charge and discharge cycles

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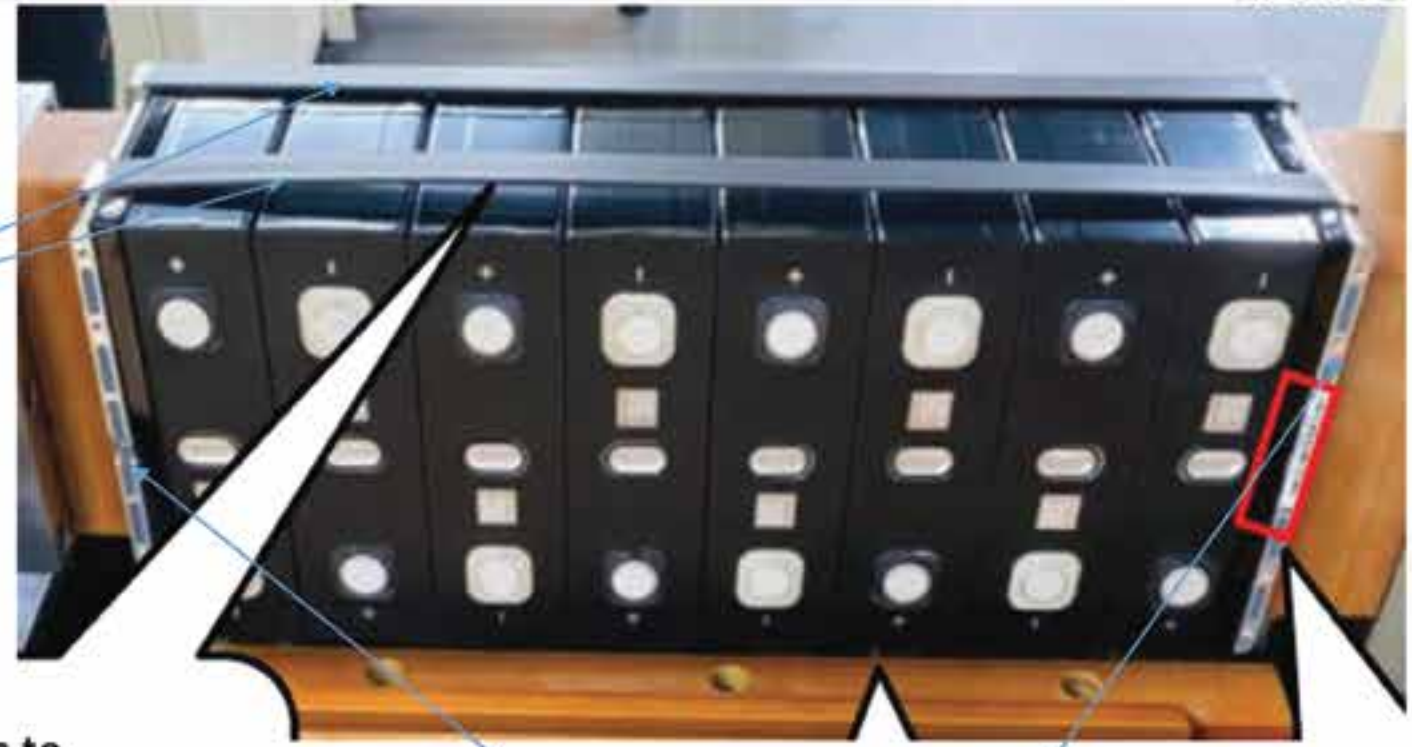
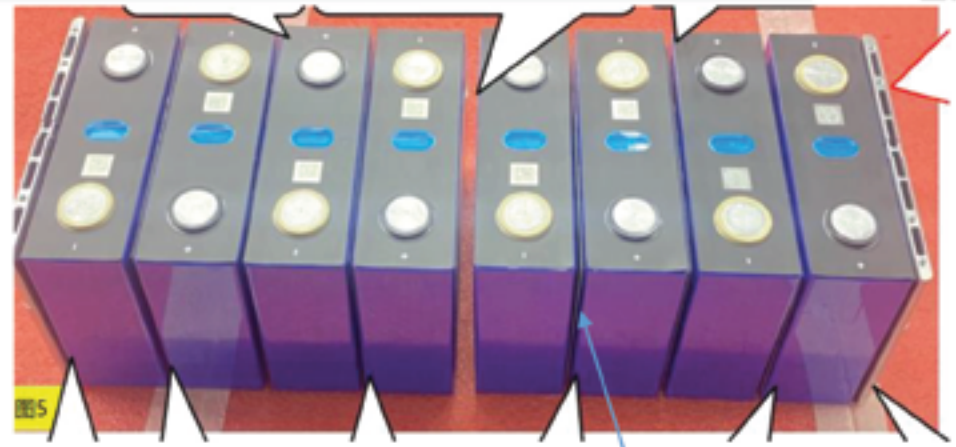


The two ends of the battery pack are made of aluminum plates and tightened with steel strips to prevent irreversible expansion of the battery cells due to overheating during charging and discharging cycles, which affects the battery cell's lifespan and reduces its capacity

Thermal insulation design between cells



Mica sheets have been added between both cells for thermal insulation to prevent heat from spreading between the cells, which results in better heat dissipation and can effectively slow down the life degradation of the cells. In addition, when the battery cell is in abnormal condition, it can effectively organize the thermal runaway between the battery cells to prevent the abnormality from further spreading.