

APEX **DIY** **BOX** **280**

Battery Pack Assembling Instructions

Please refer to the corresponding installation video to read.



The foam board is a protective pad for panel installation.

Collaboration is recommended for installation process.

The weight is 115KG when installation is done, it is recommended to install in usage position, collaboration or tools are recommended for moving.

apexium

WARNING



This product is compatible with below cells:
3.2V 280Ah LiFePO4
3.2V 304Ah LiFePO4

Please check if cells are fully matched before installation.

Follow instructions strictly for battery placement.

The battery cannot be connected to the same pole during installation.

Please wear insulated gloves, safety shoes and goggles.

-pexium
-pexium

P+

P+

GENERAL TOOLS



REINFORCEMENT TOOLS



All DIY kit accessories are included/packed in the DIY box.

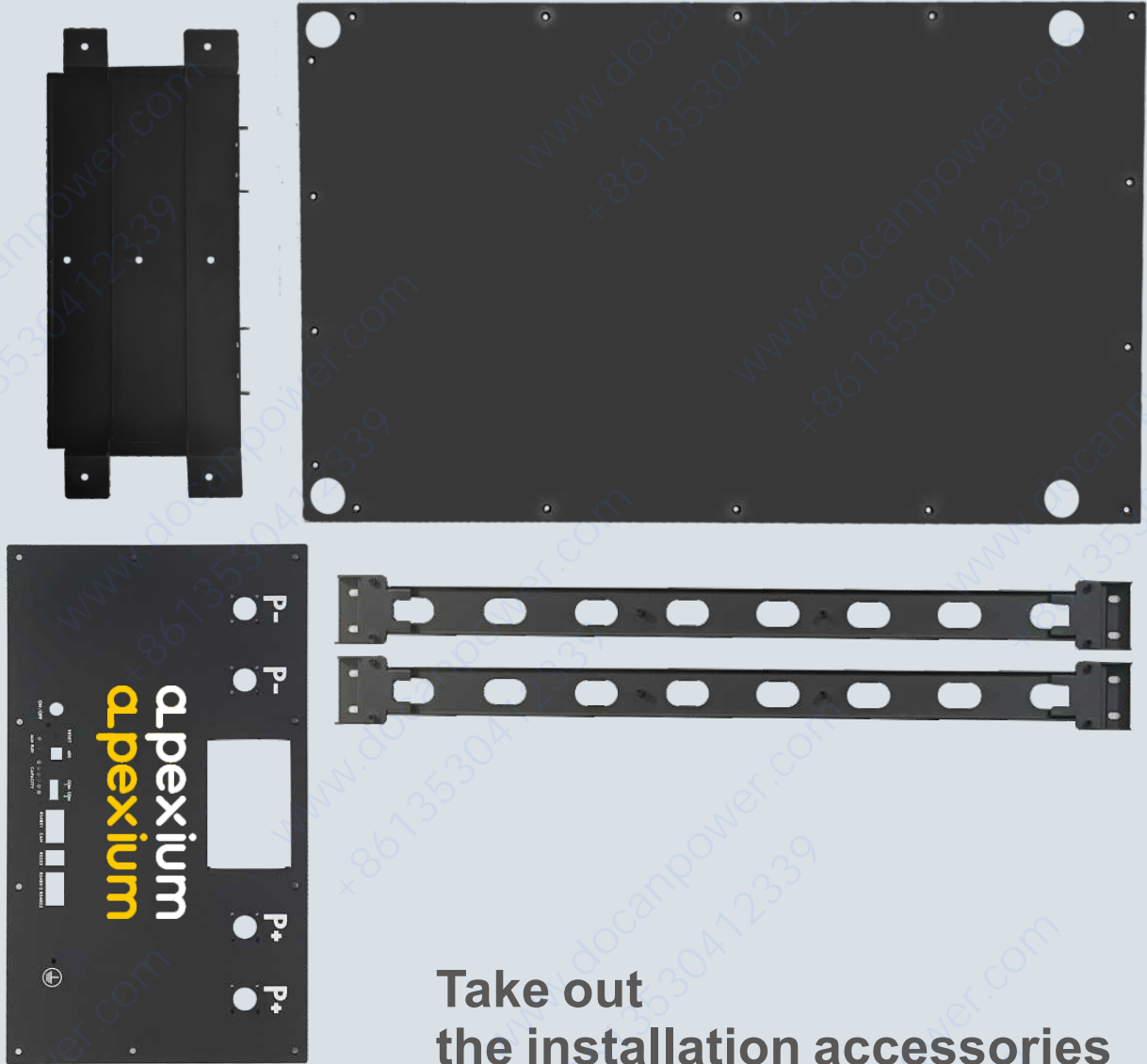




6

The removed screws can be used as spare screws!

Please put the bottom case, front panel, top bracket, front bracket and top cover in place



Take out the installation accessories



Installation Material List

PROTECTING BATTERIES

1

2

BATTERY LINK

3

4

MAIN BOARD

5

COMPLETION AND INSPECTION

6

8

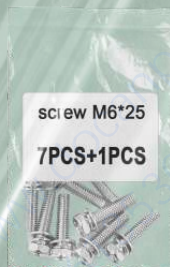
Accessories for when stacking is Needed. (7)

PROTECTING BATTERIES

4 PCS

1

2 PCS



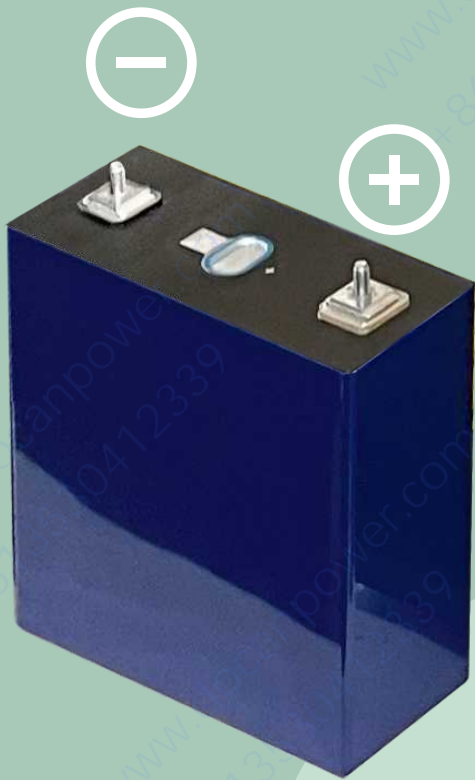
20 PCS

4 PCS

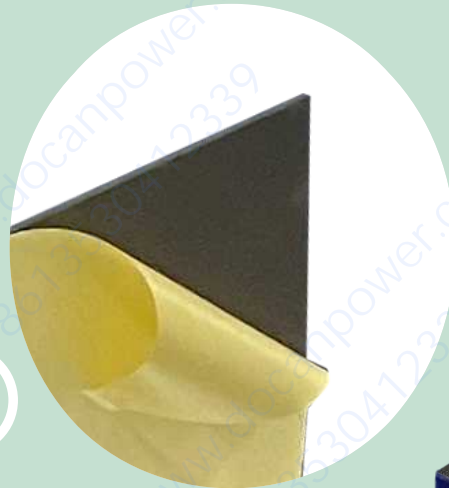


Warning:
Please install it in strict accordance
with the installation specification diagram.

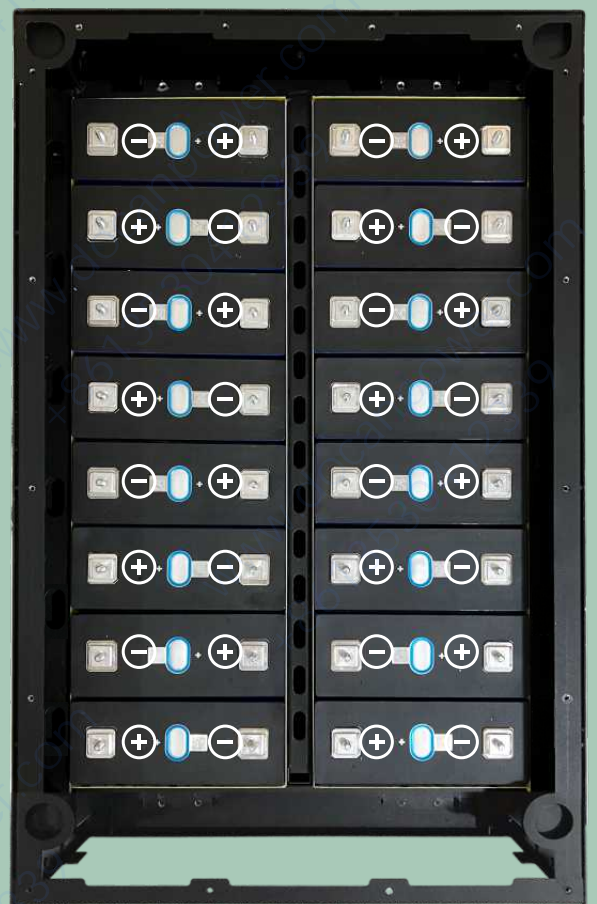




8 PCS

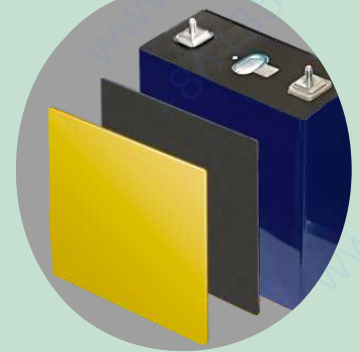


8 PCS



13

Double check





BATTERY LINK

screw M4*6
12PCS+2PCS



screw M5*8
8PCS+2PCS



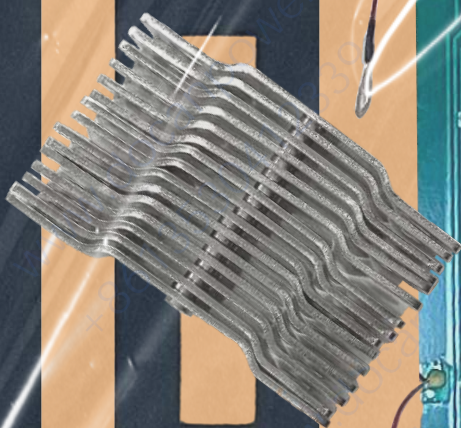
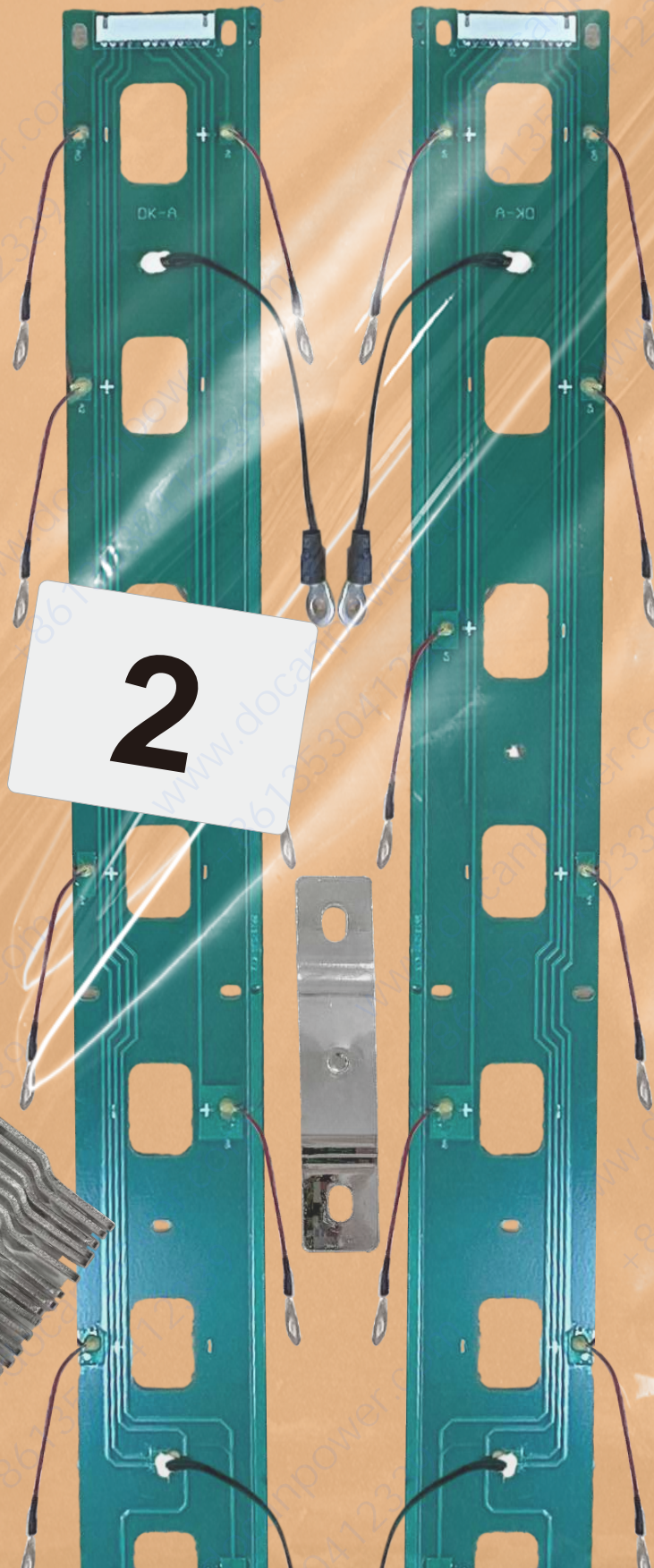
Bolt M6
32PCS+2PCS



gasket
32PCS+2PCS



screw M4*10
15PCS+2PCS

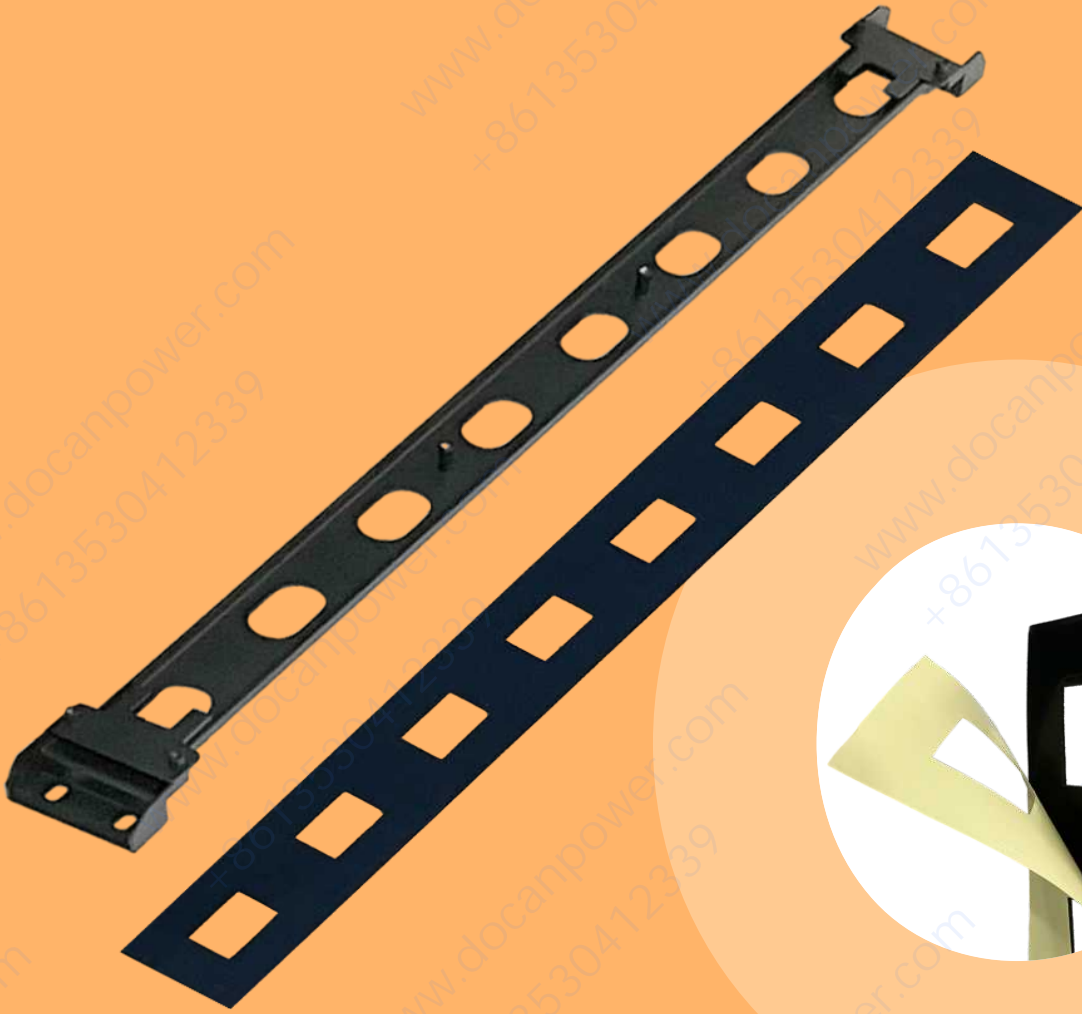


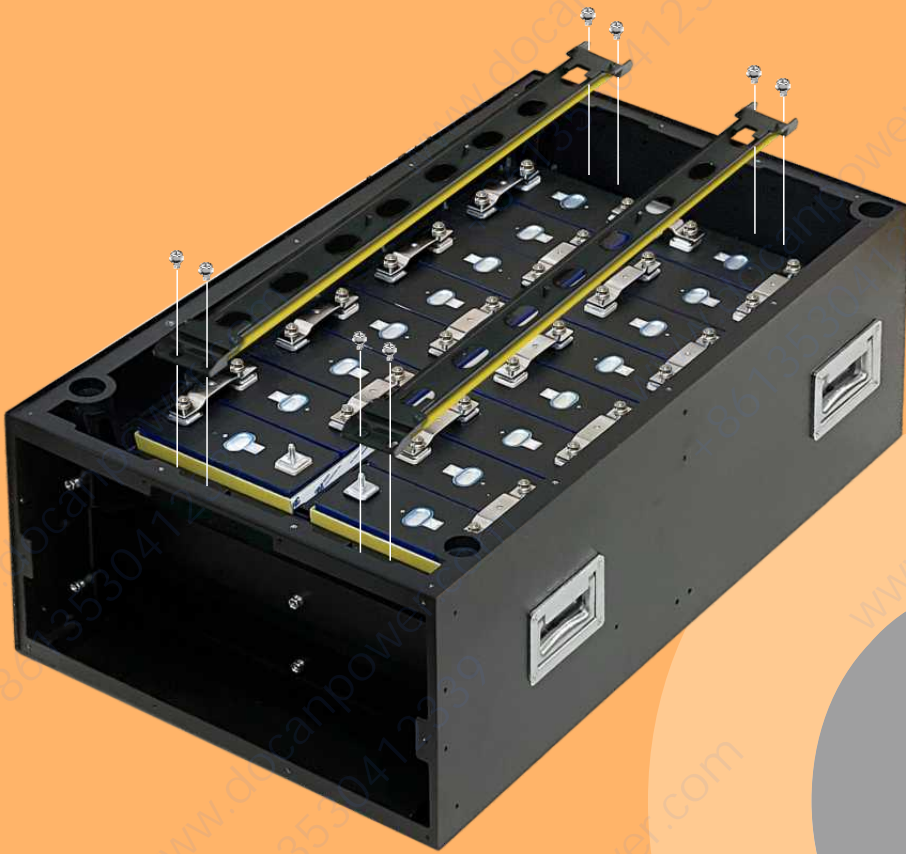
16

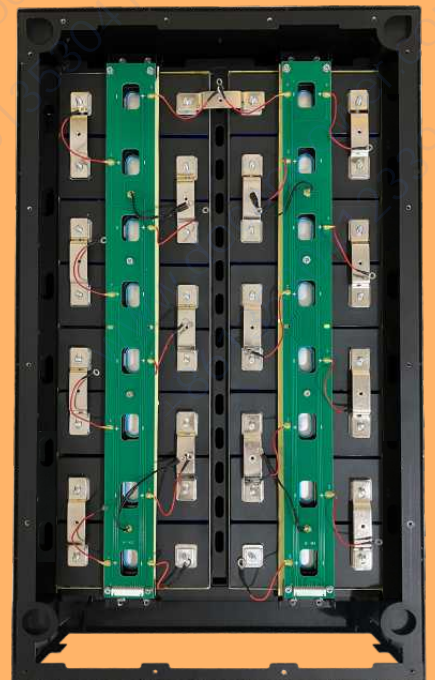
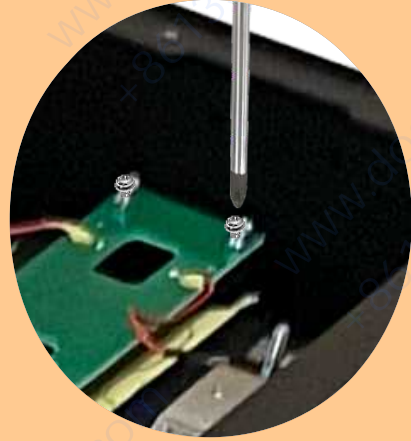
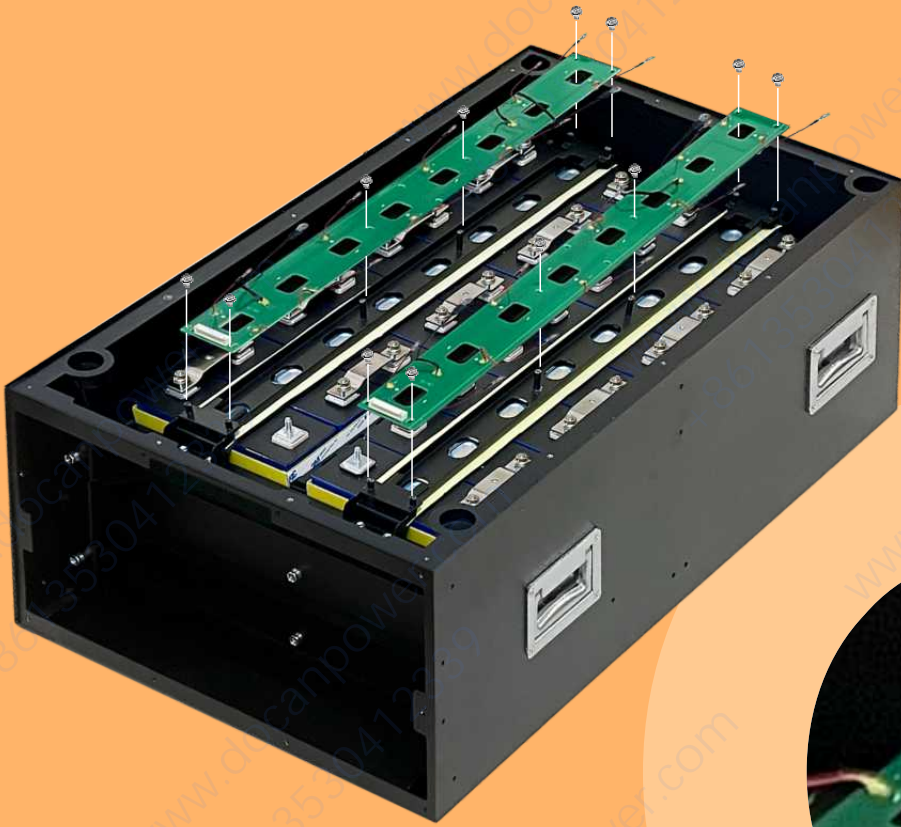


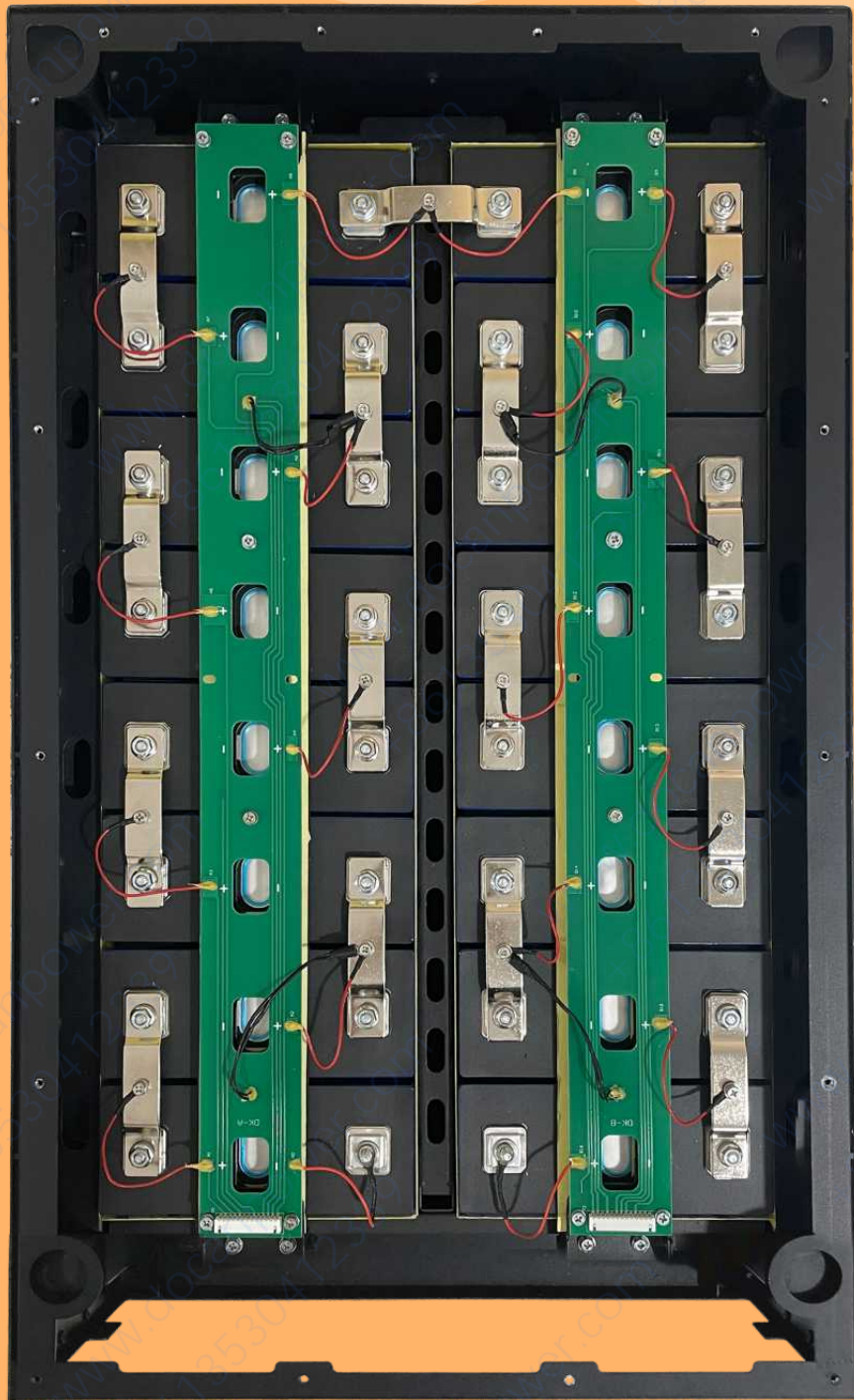




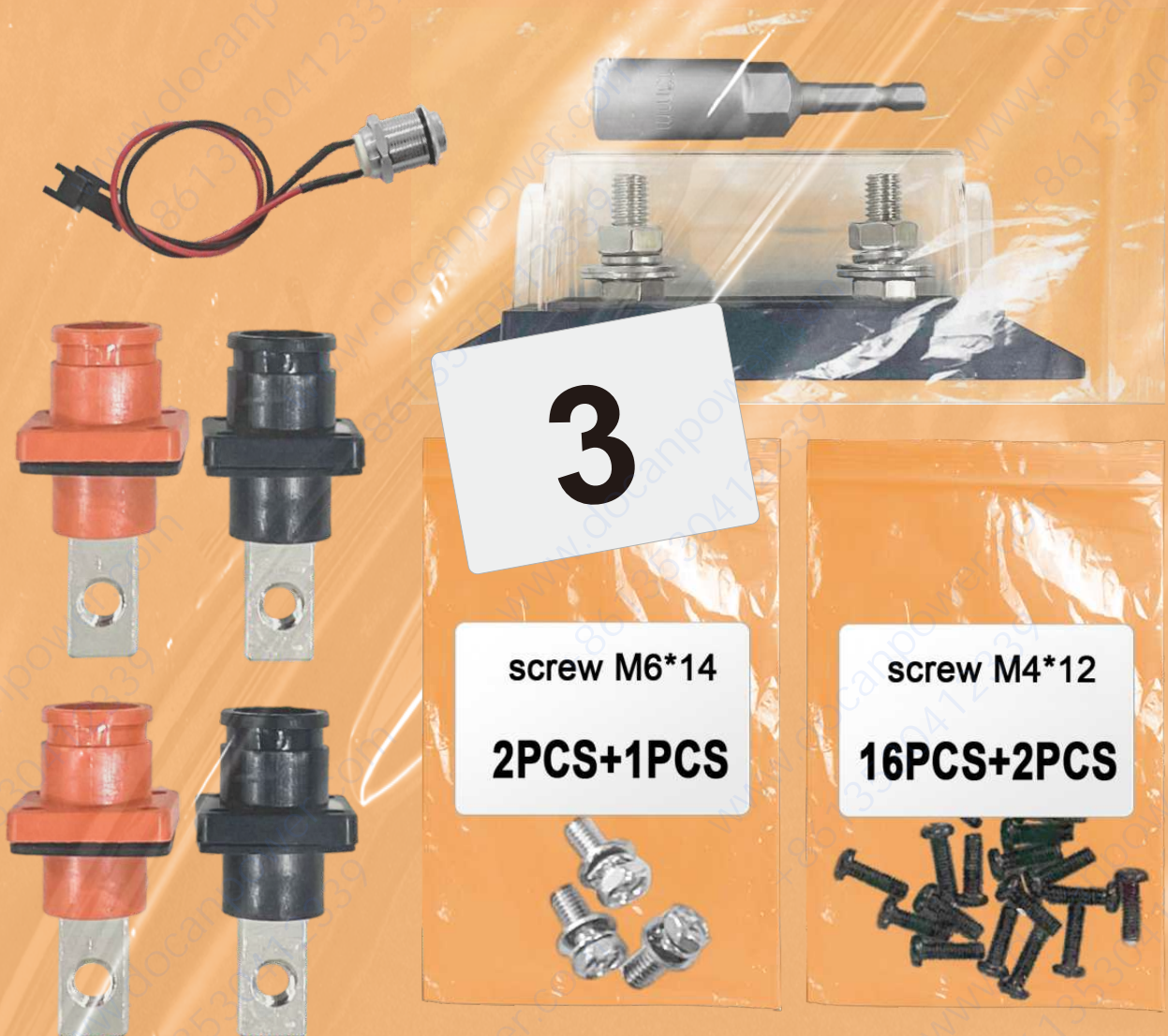








BATTERY LINK



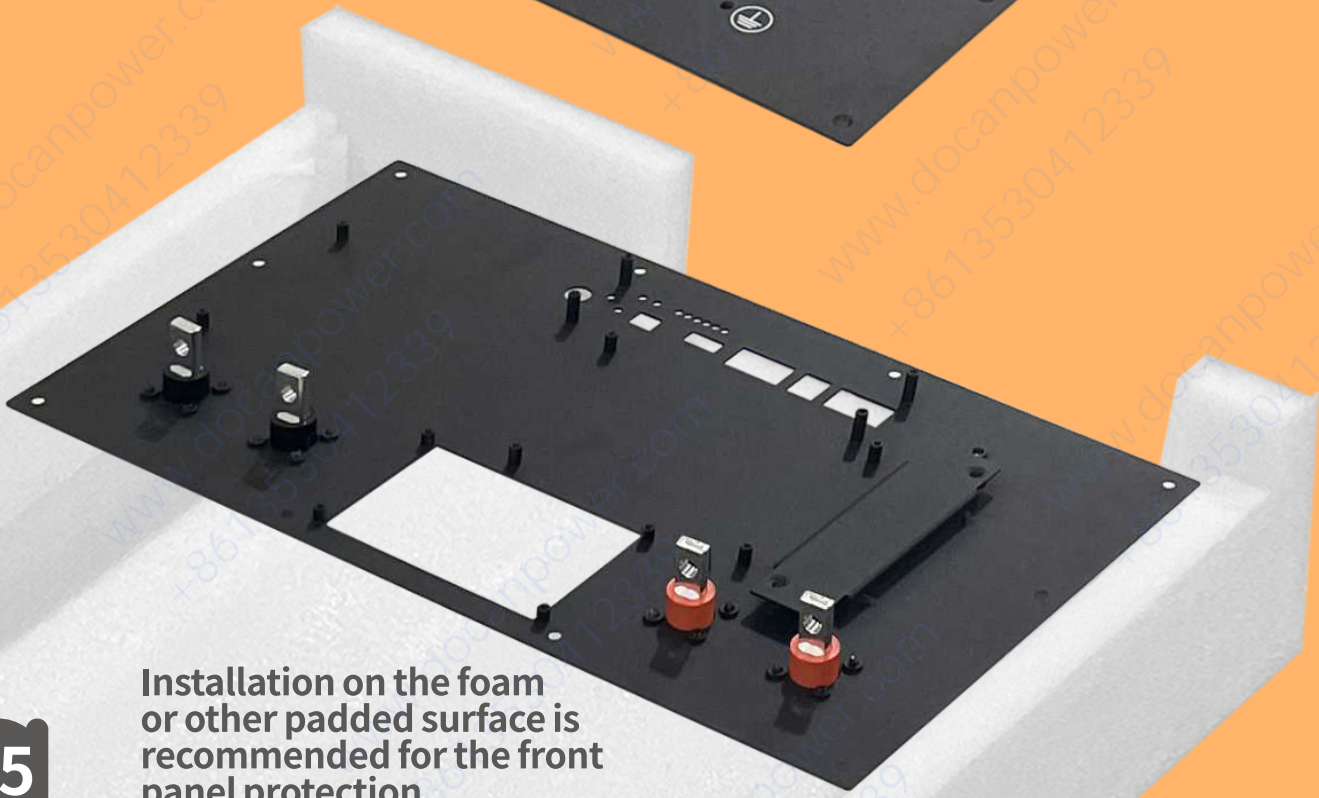
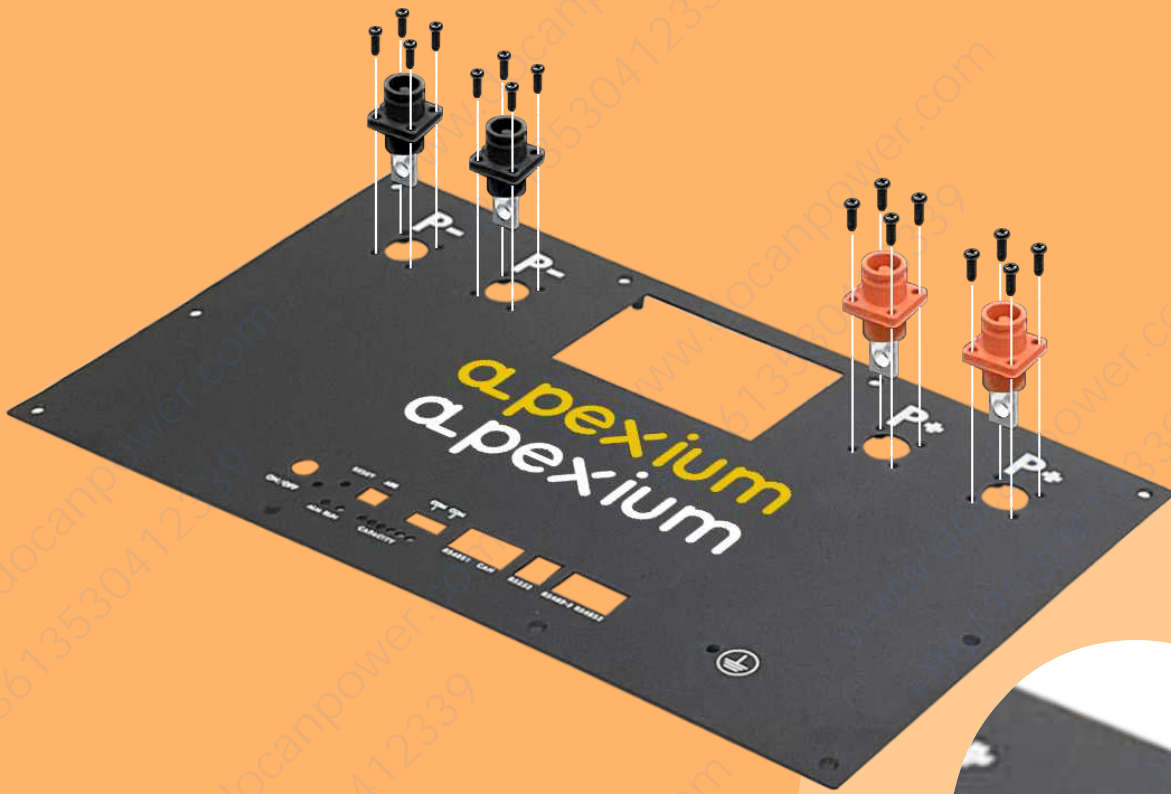
3

screw M6*14

2PCS+1PCS

screw M4*12

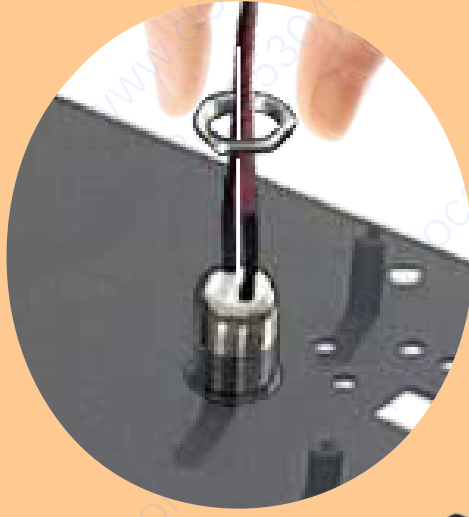
16PCS+2PCS



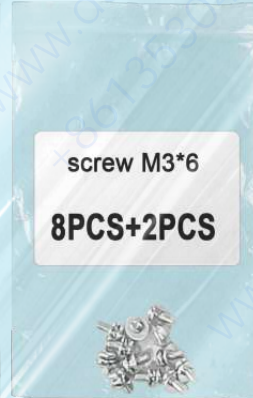
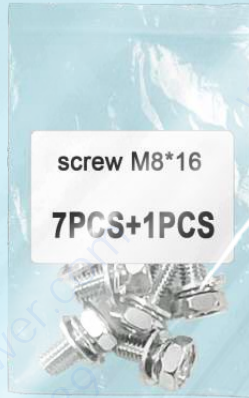
Installation on the foam or other padded surface is recommended for the front panel protection.



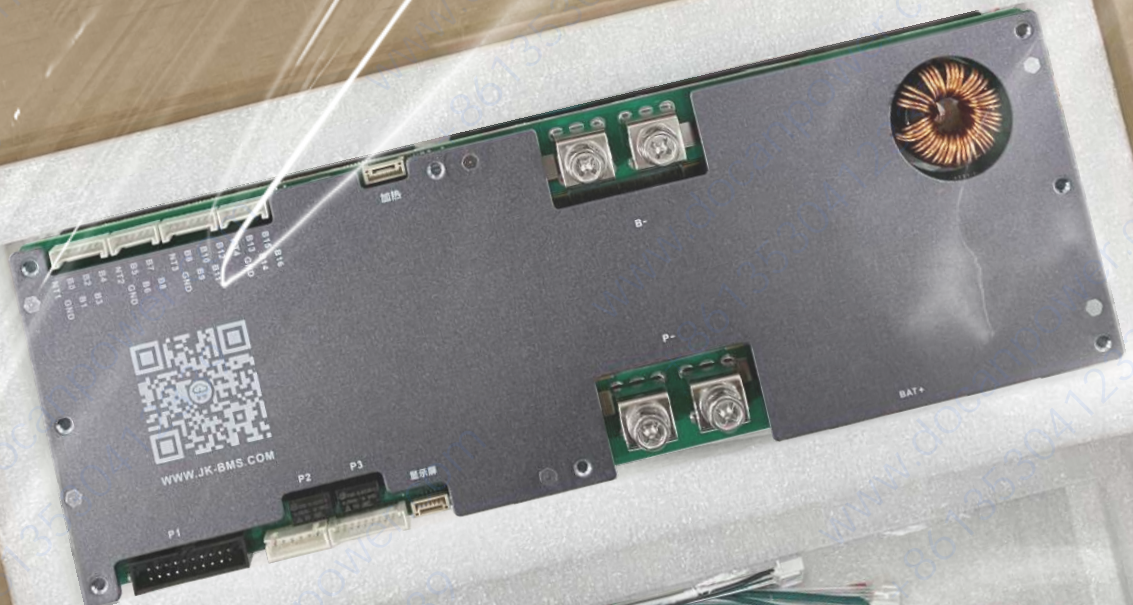
These accessories are for the next installation step.

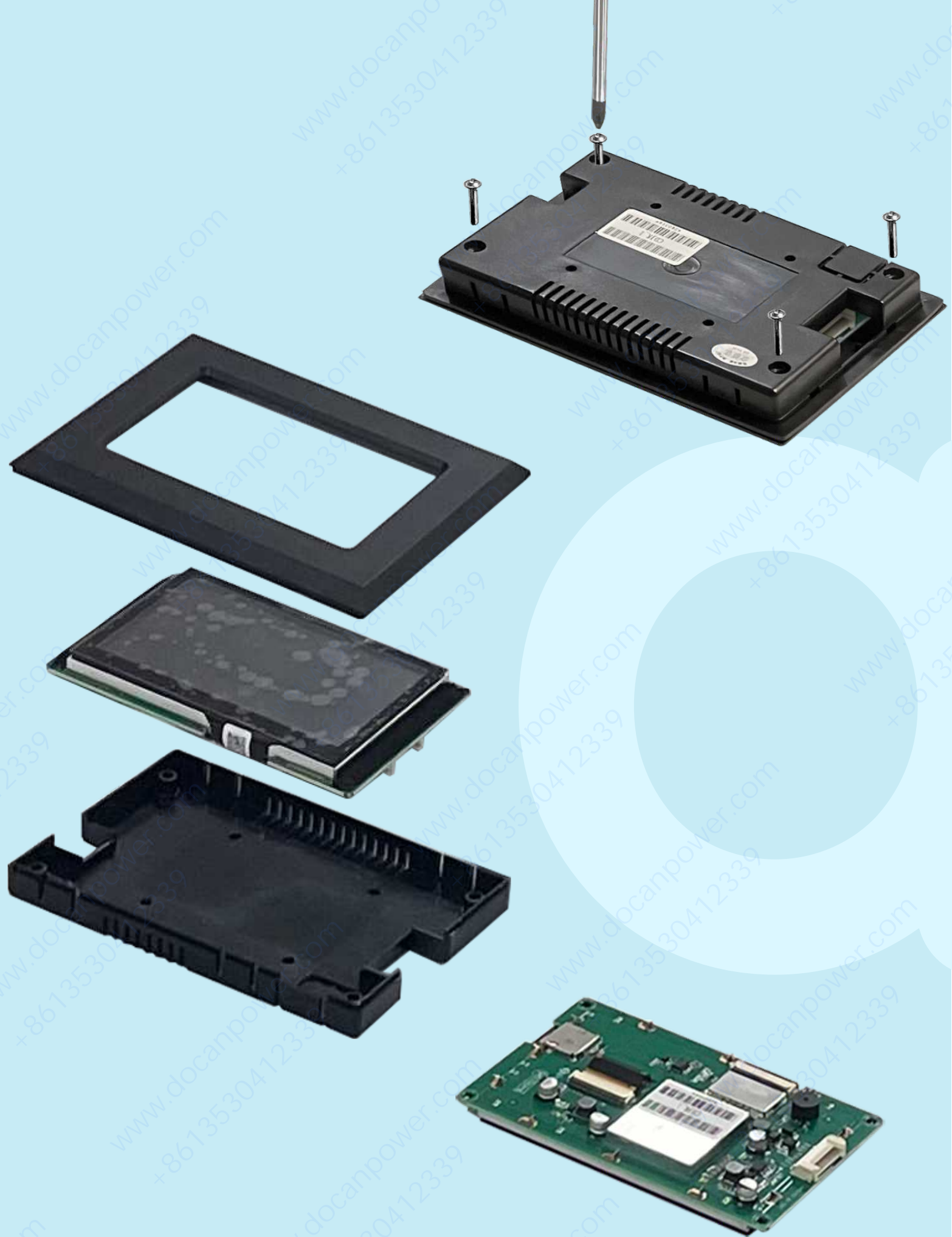


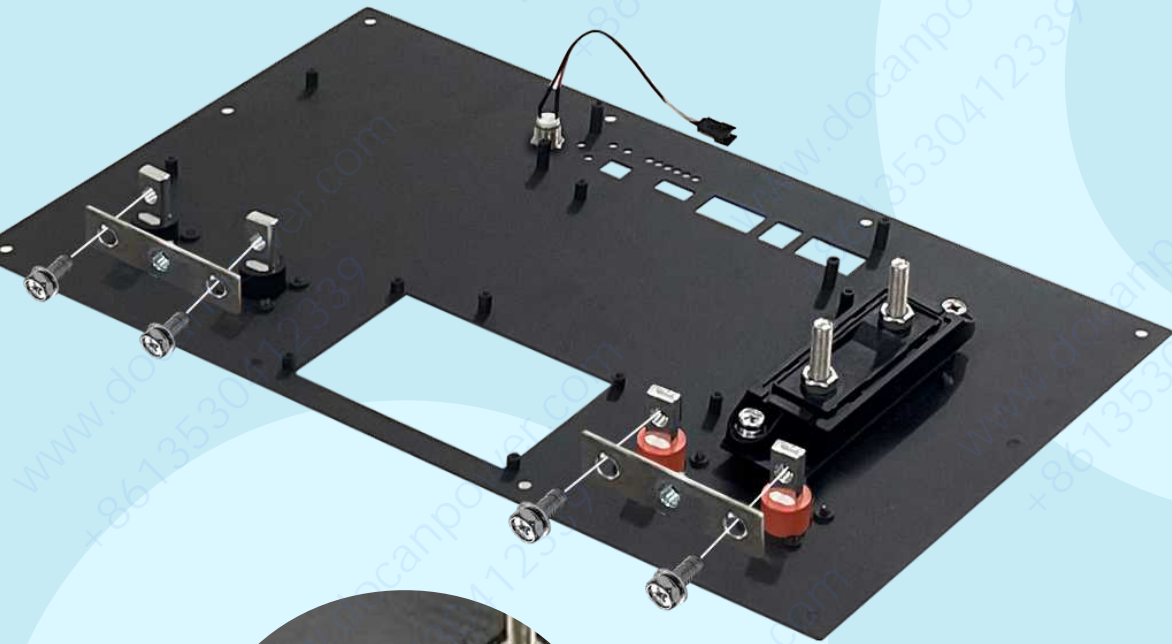
MAIN BOARD

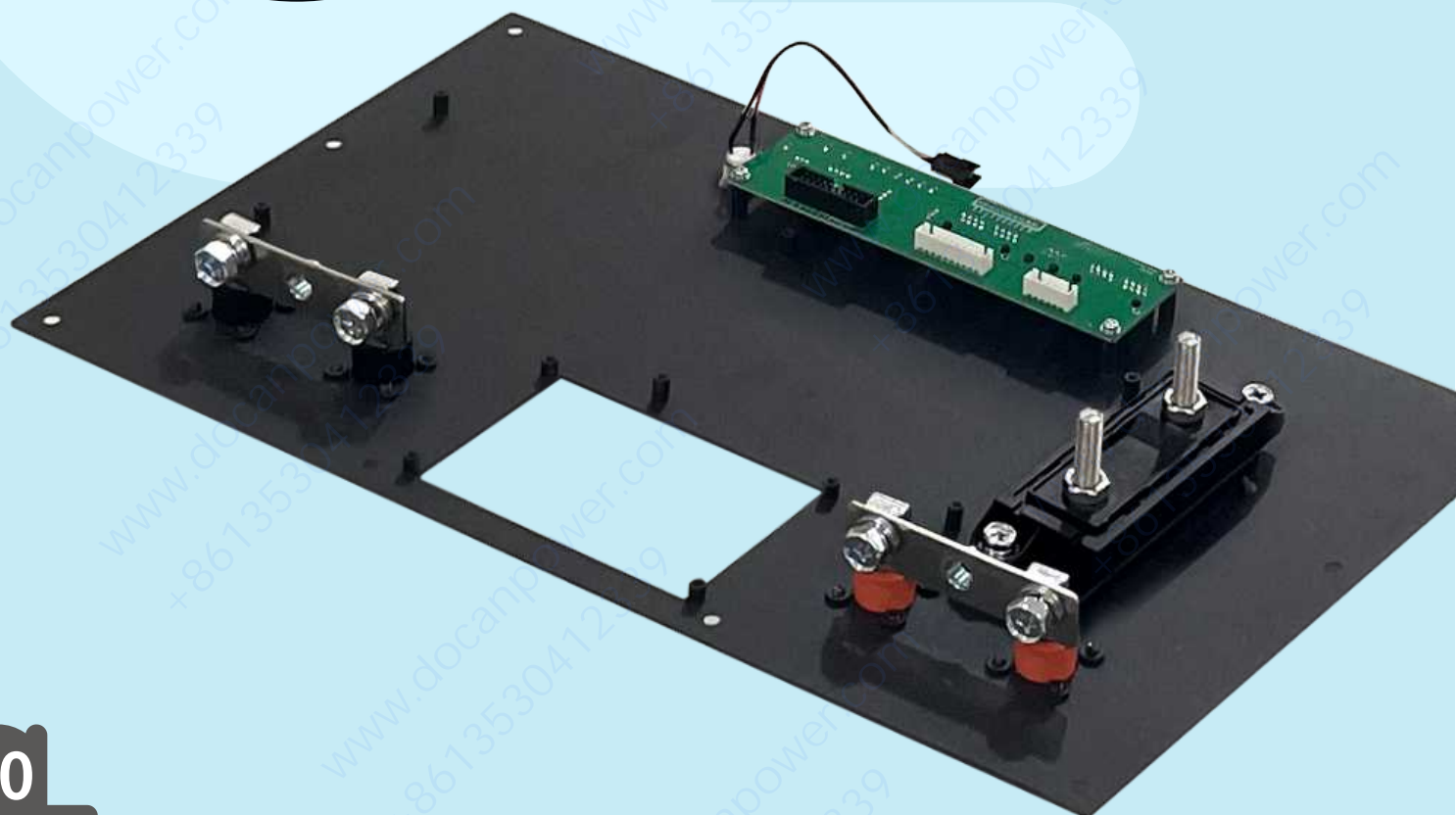
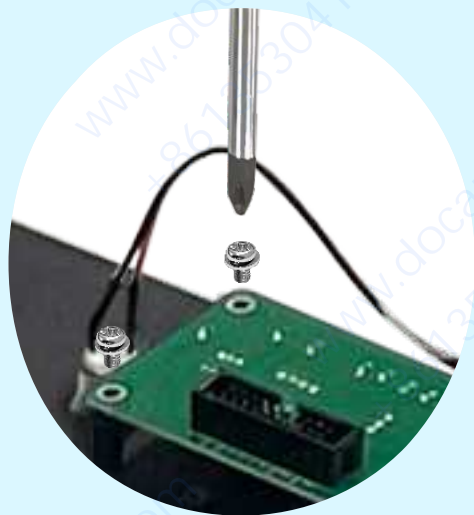
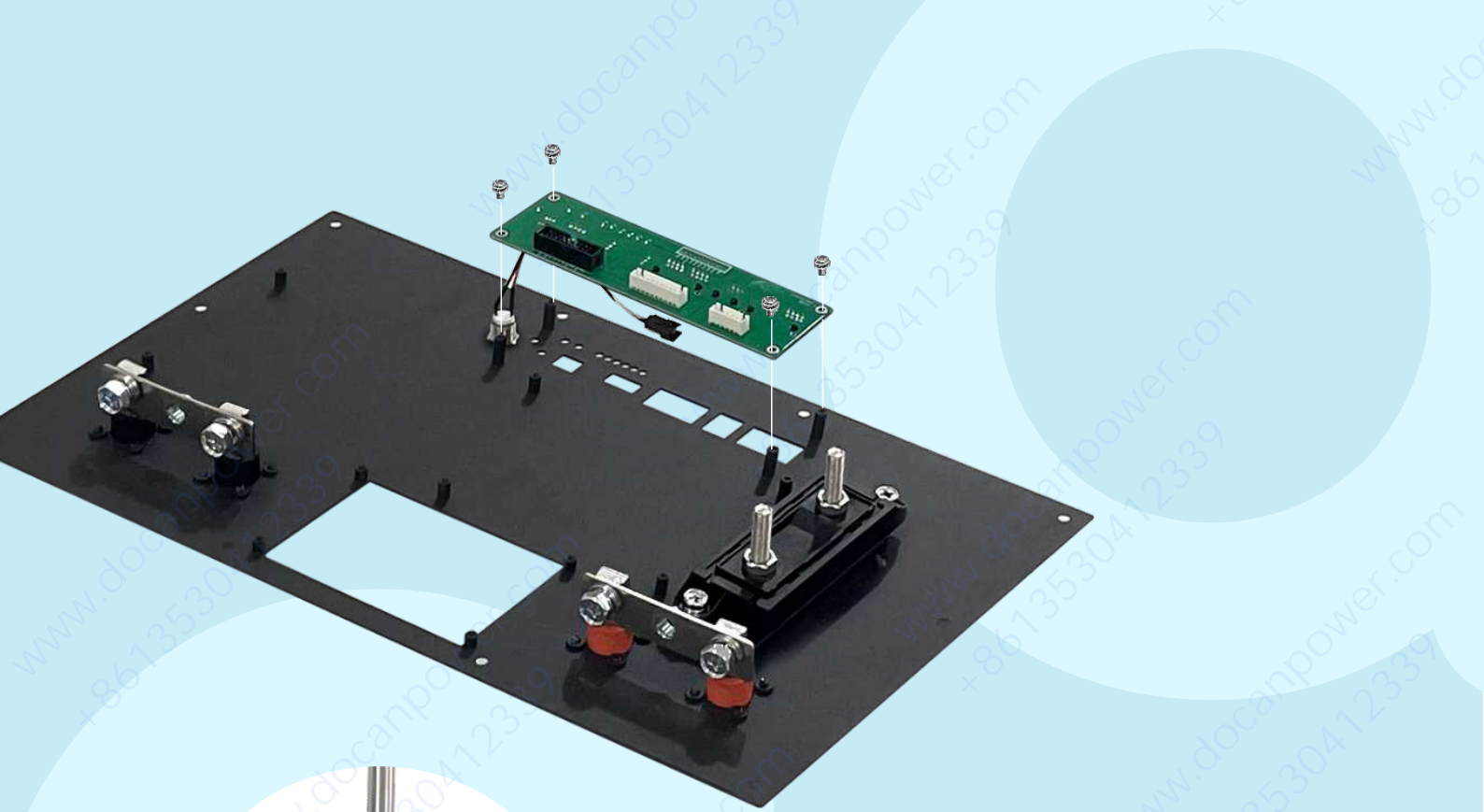


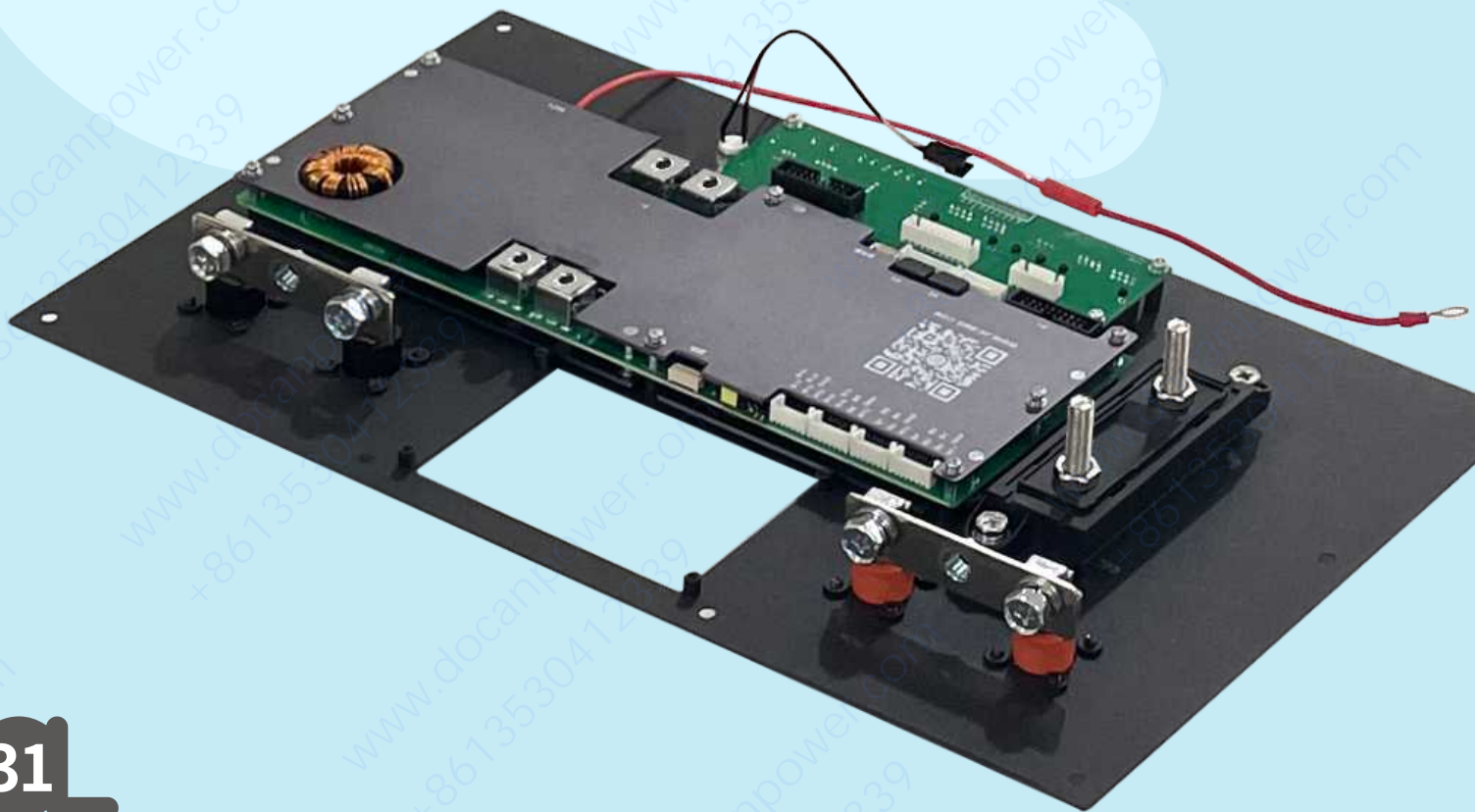
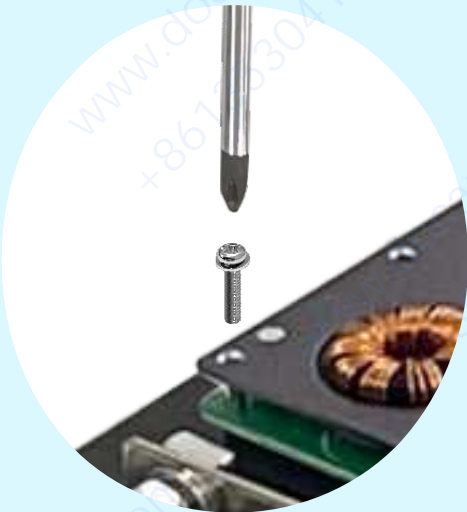
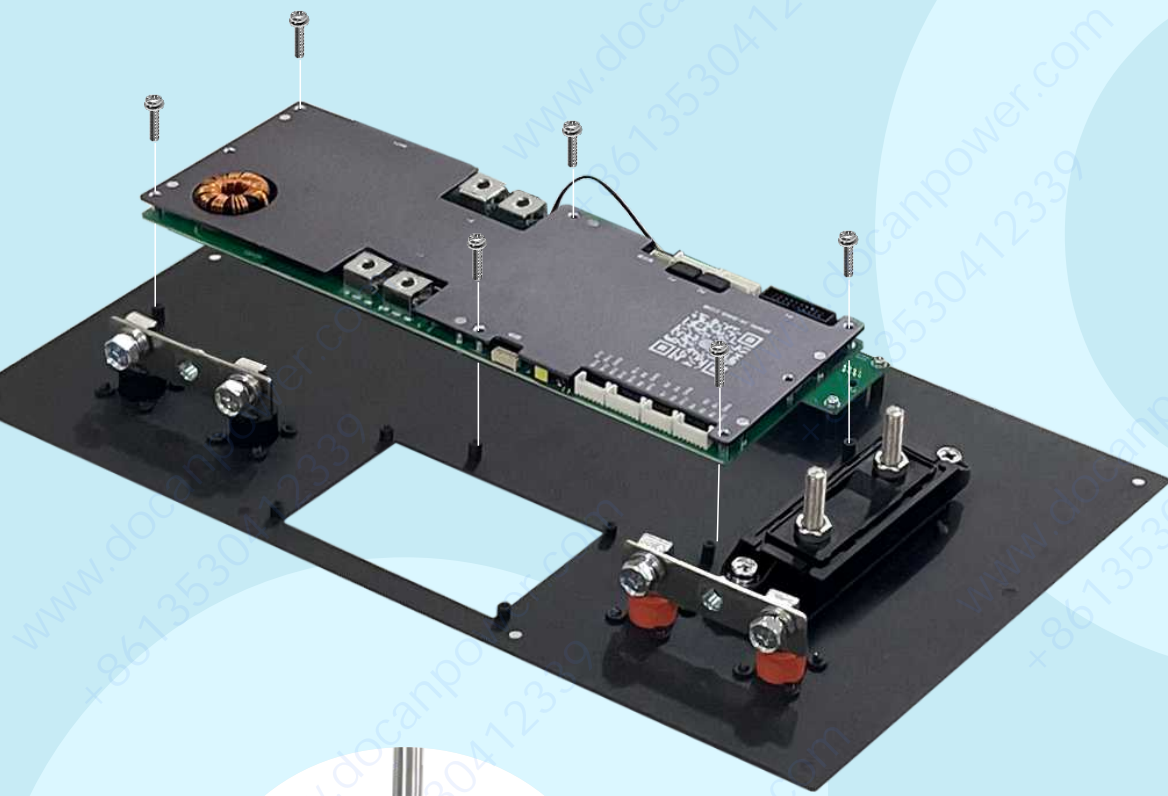
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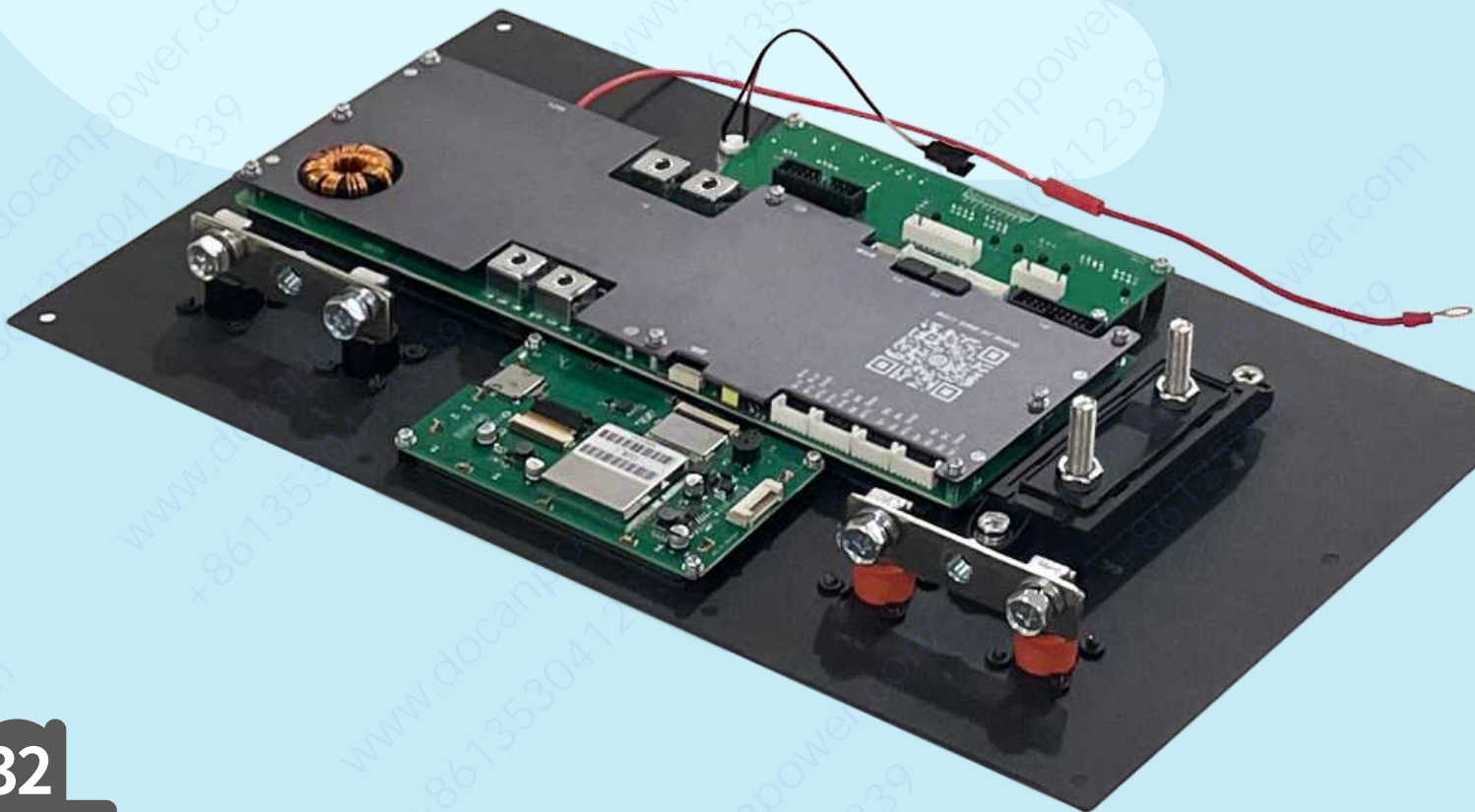
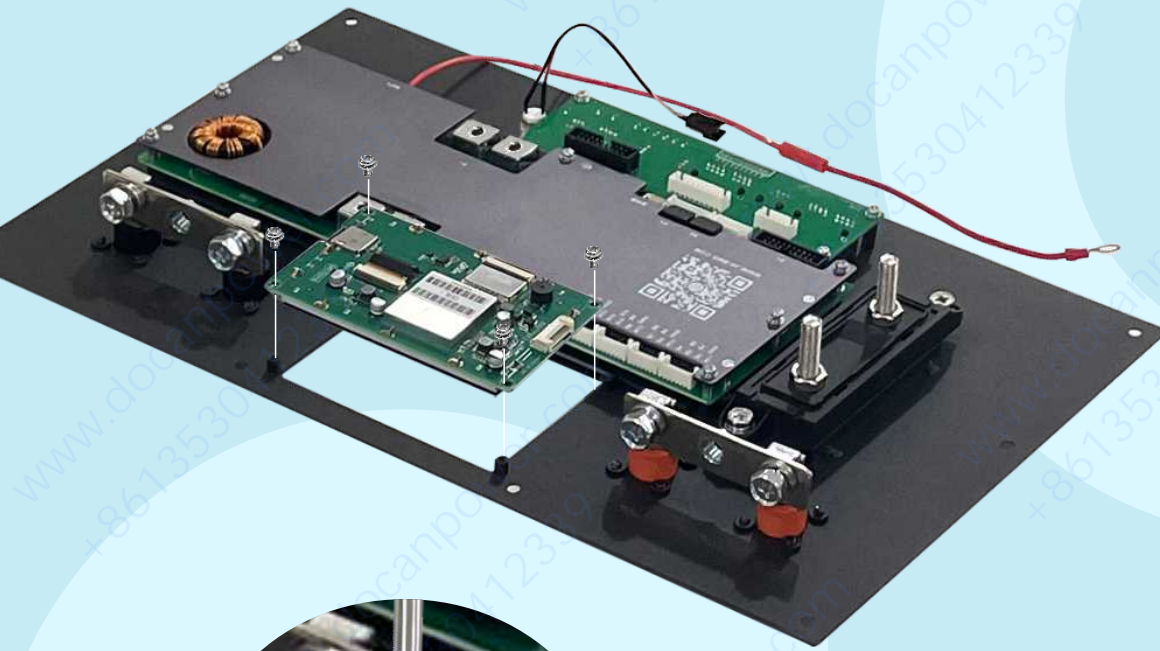








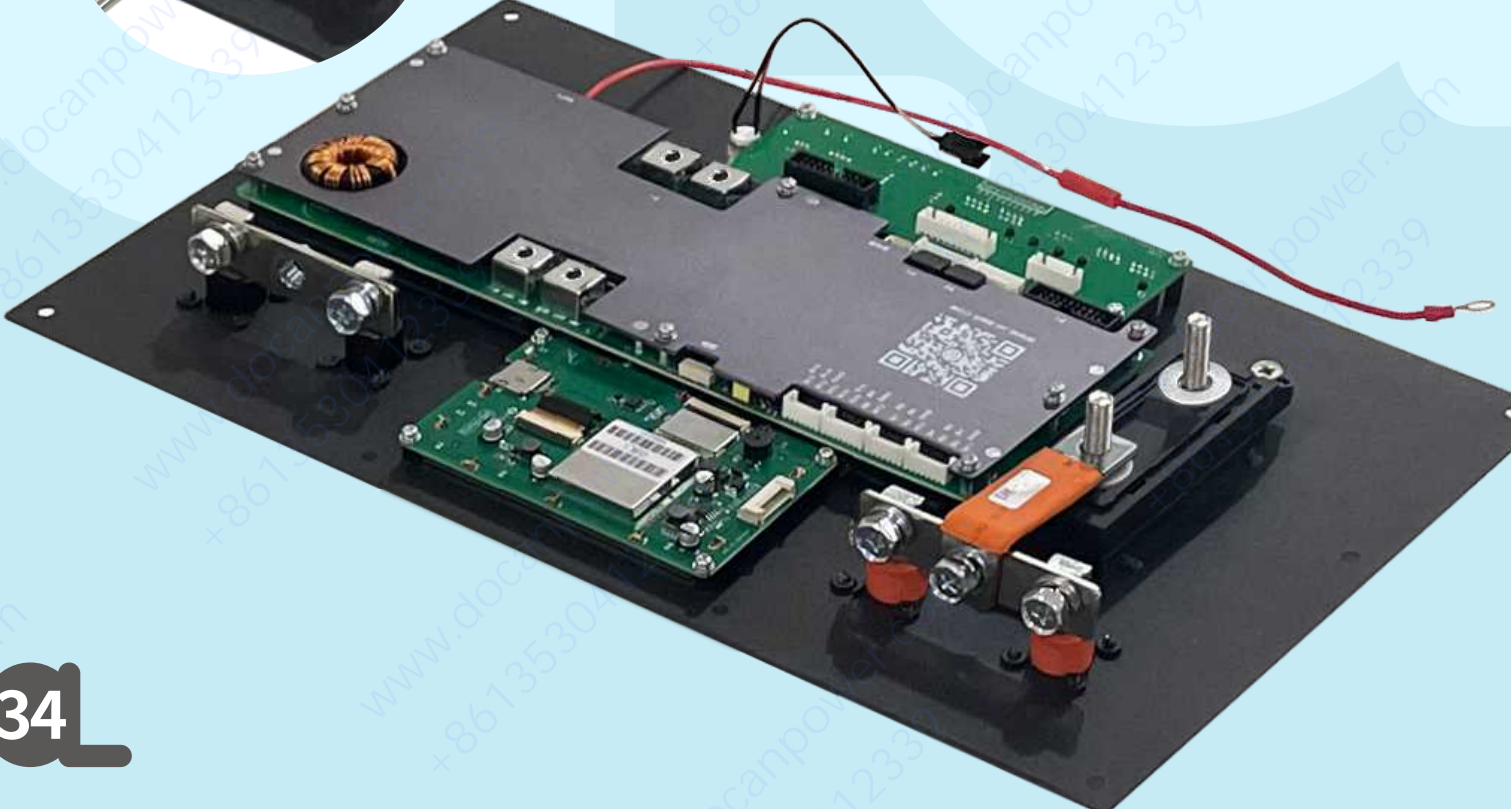
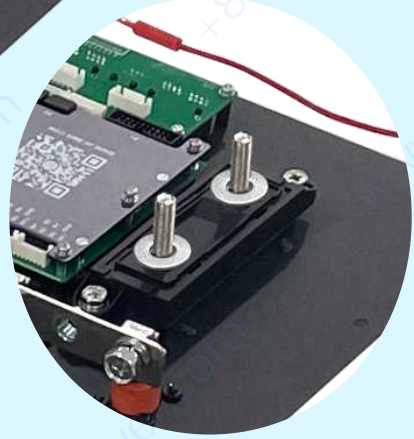
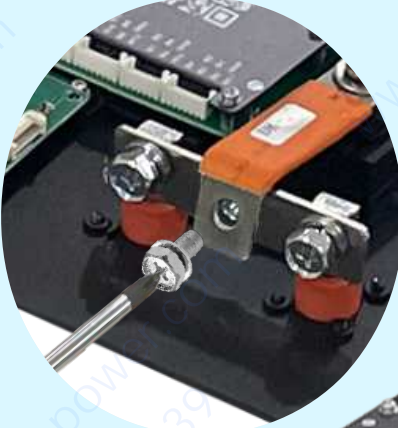
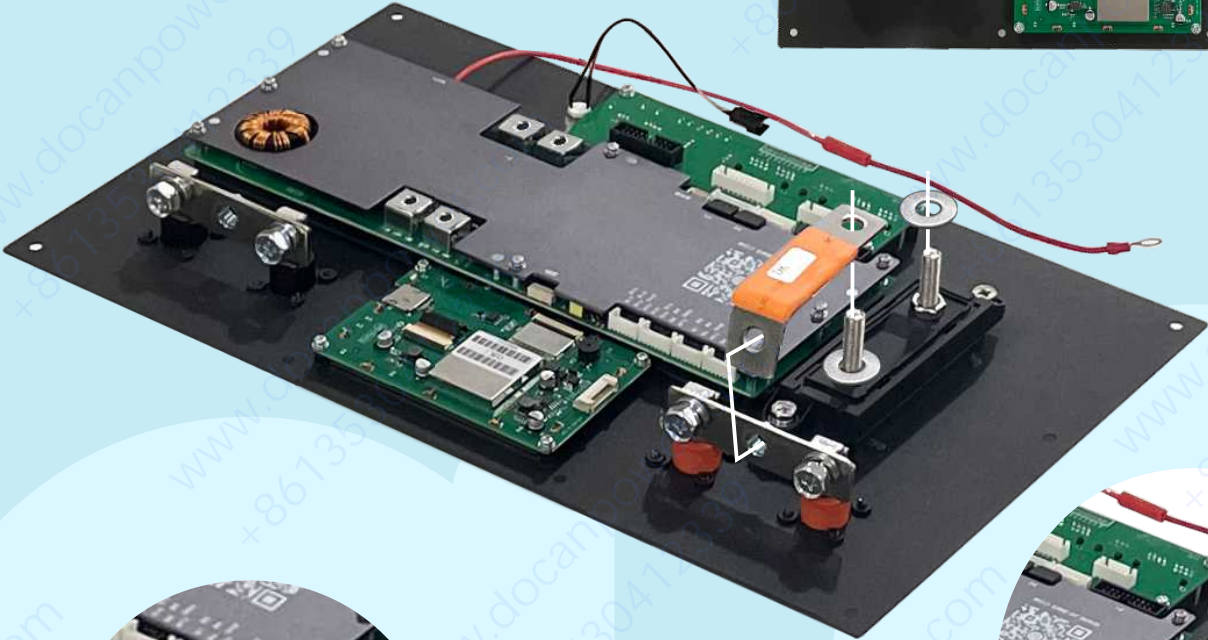


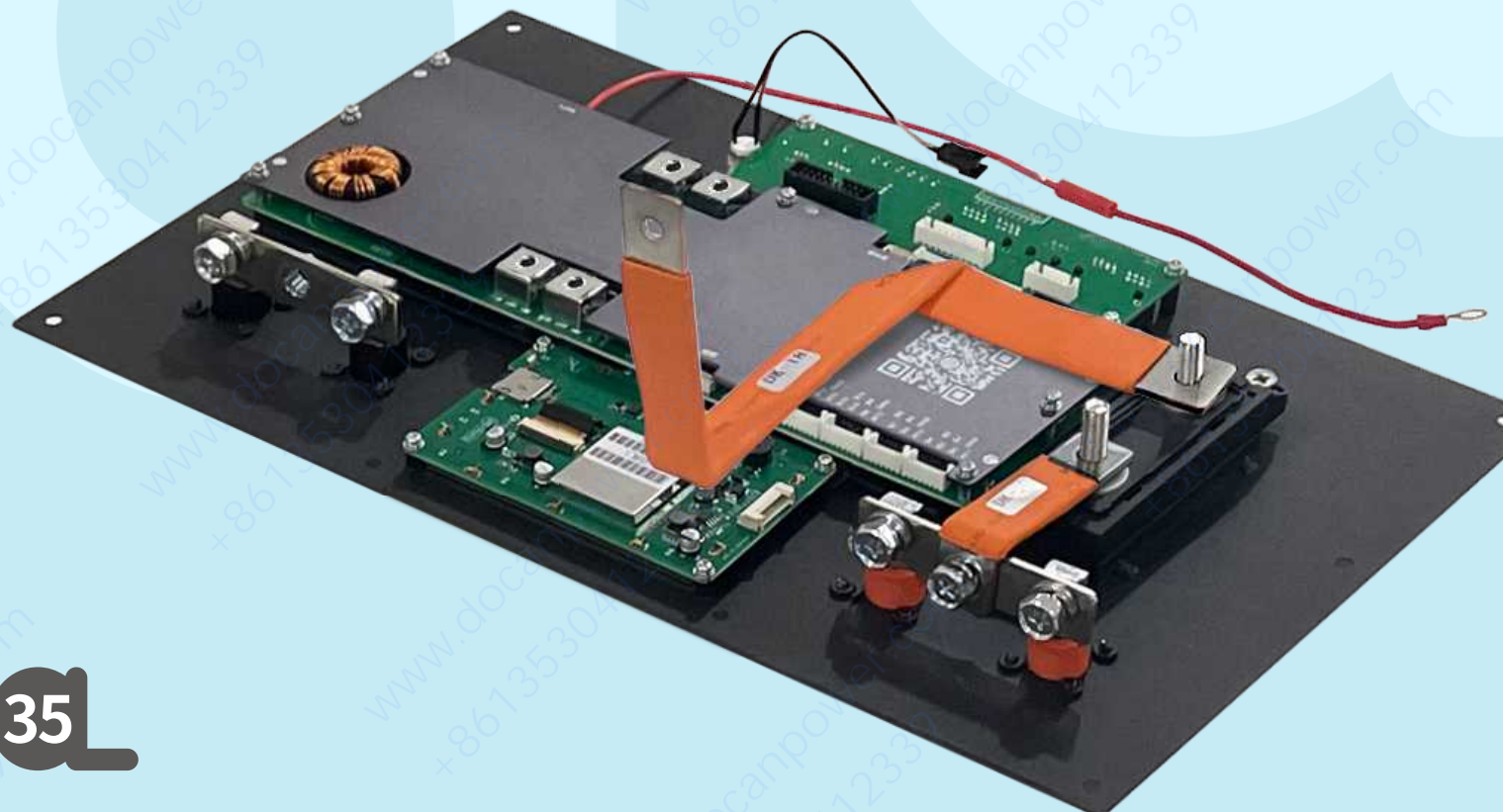
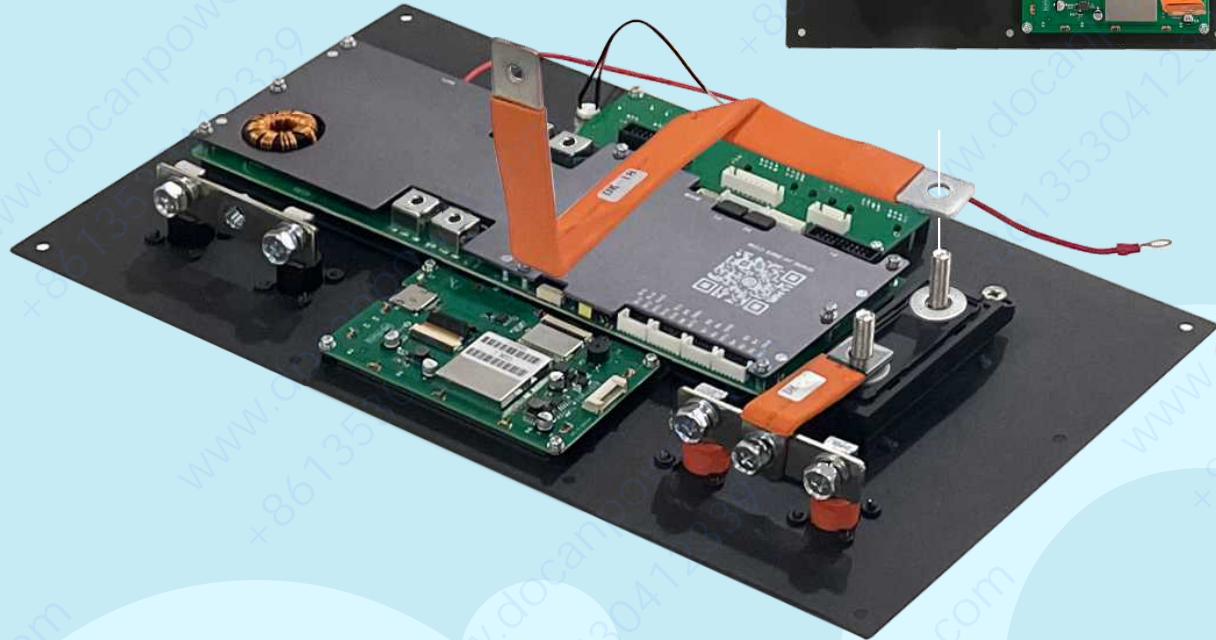


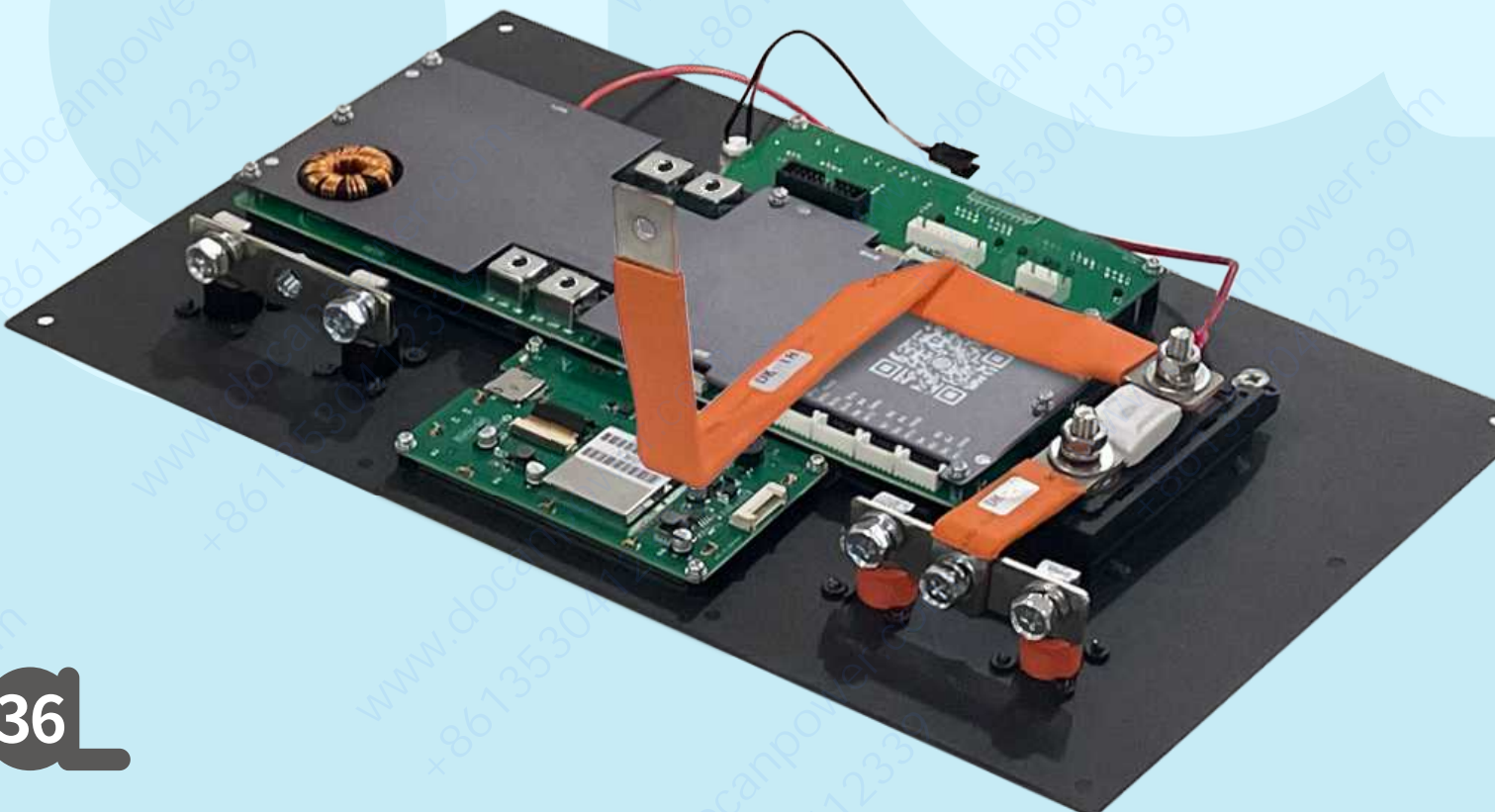
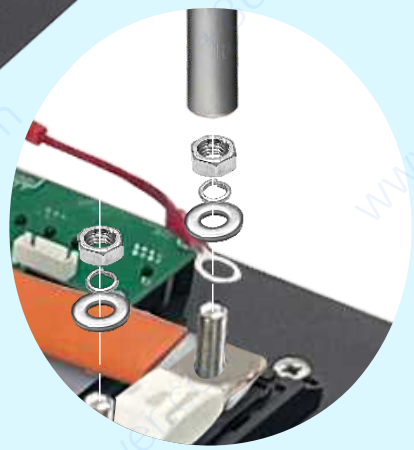
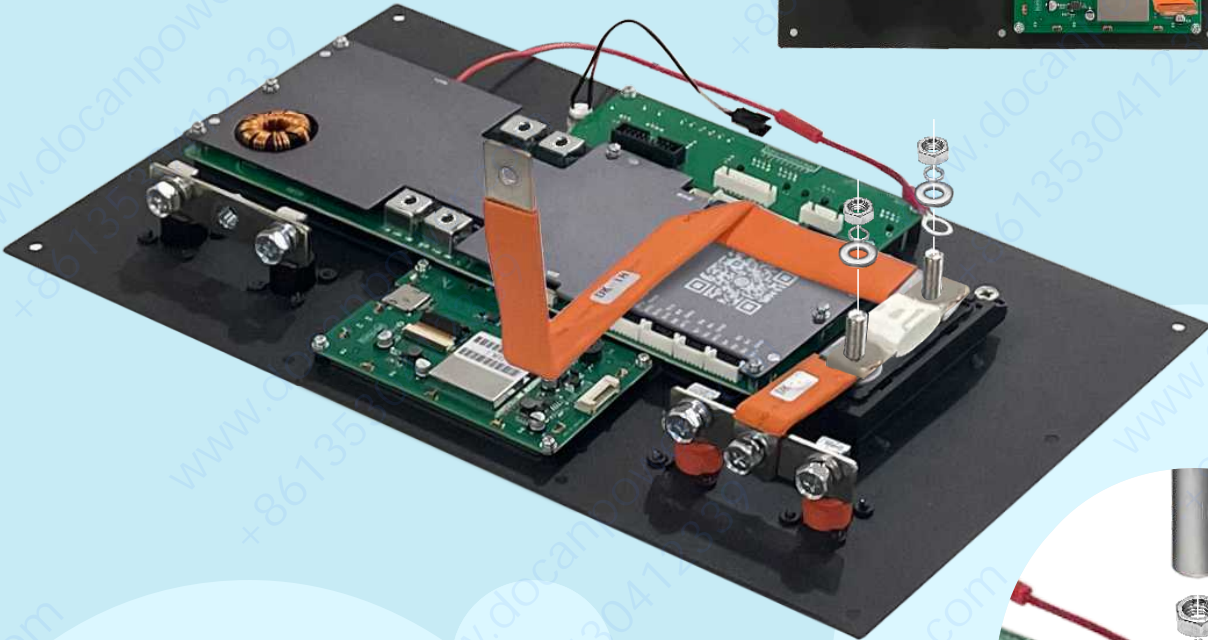
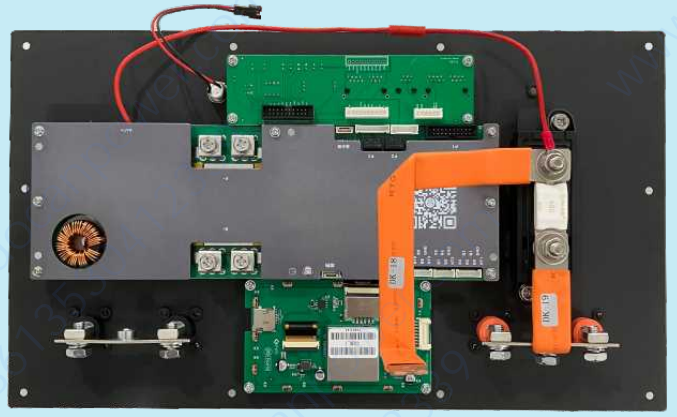
MAIN BOARD

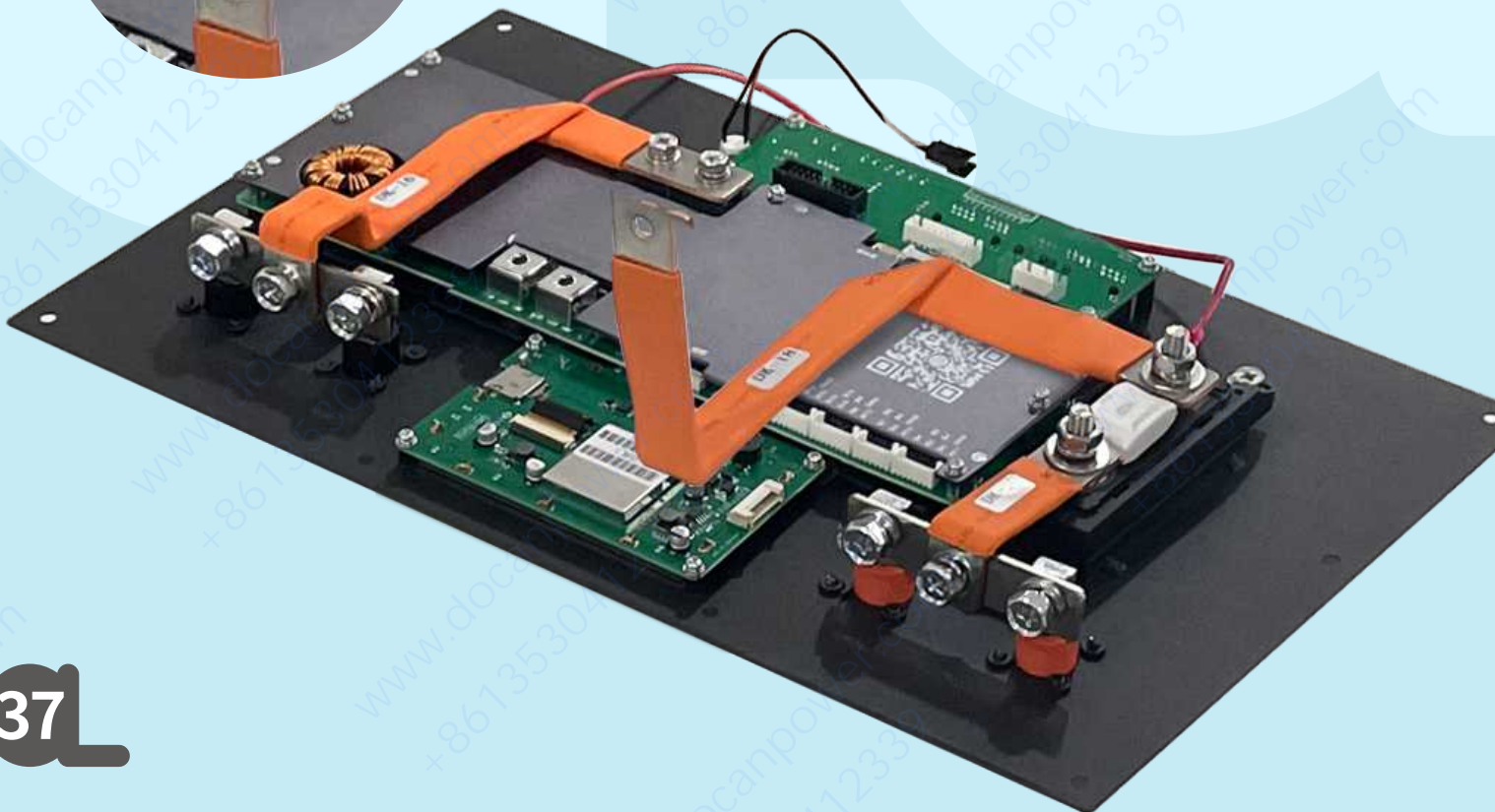
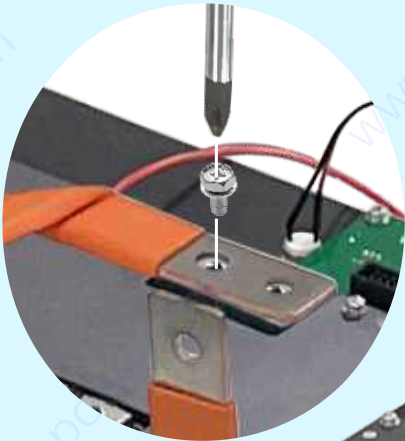
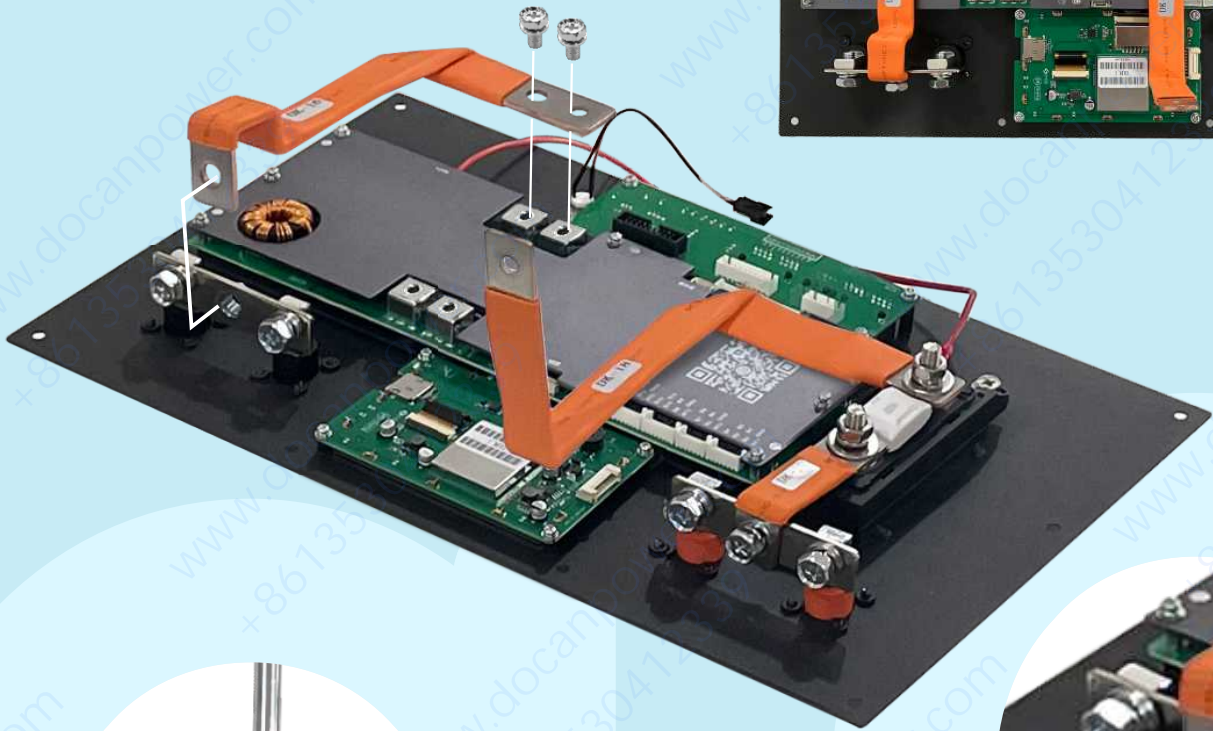
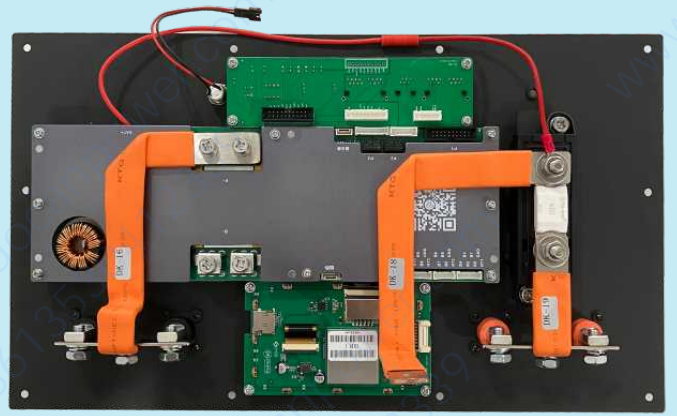
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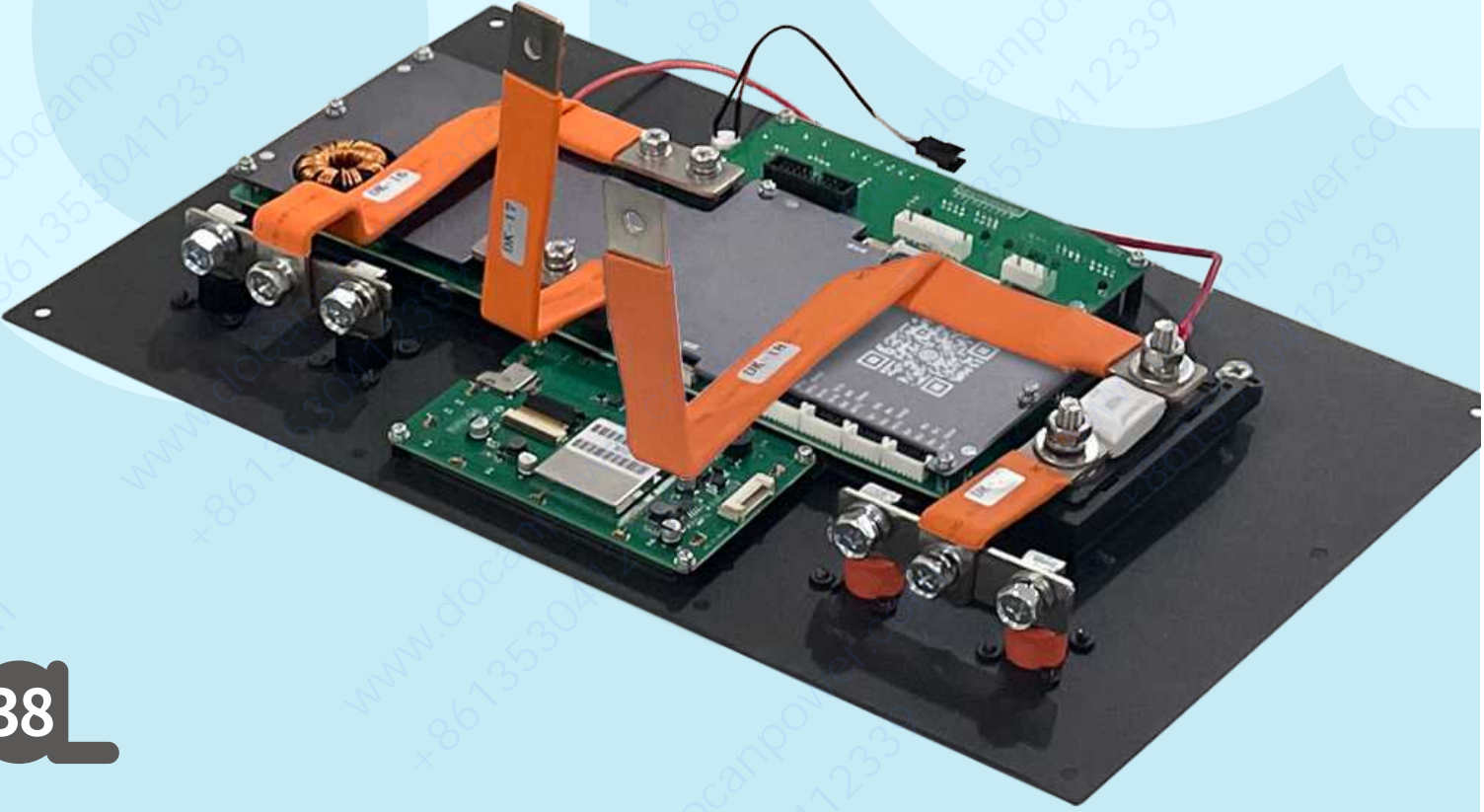
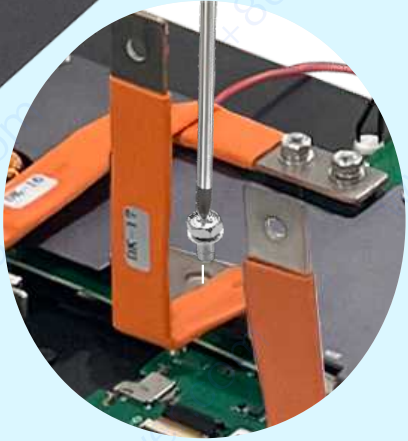
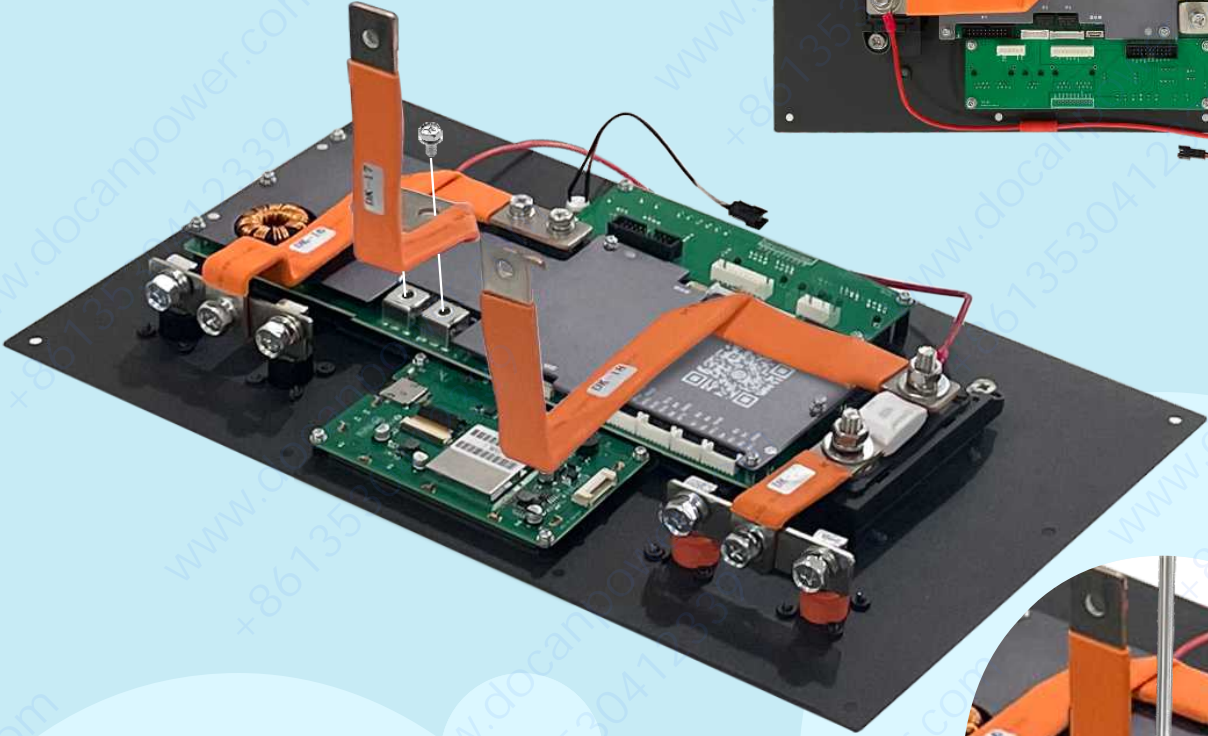
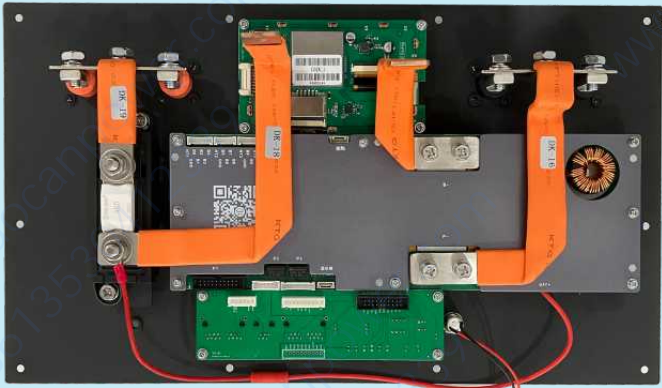












COMPLETION AND INSPECTION

6



screw M4*8

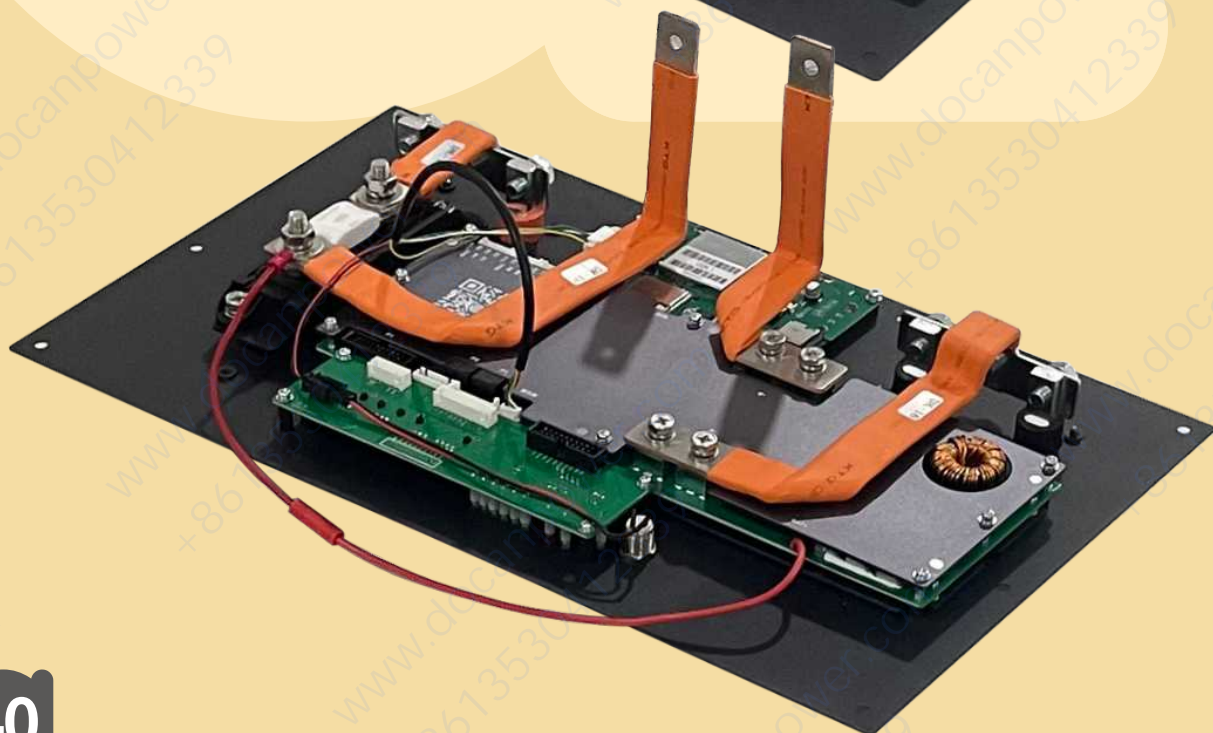
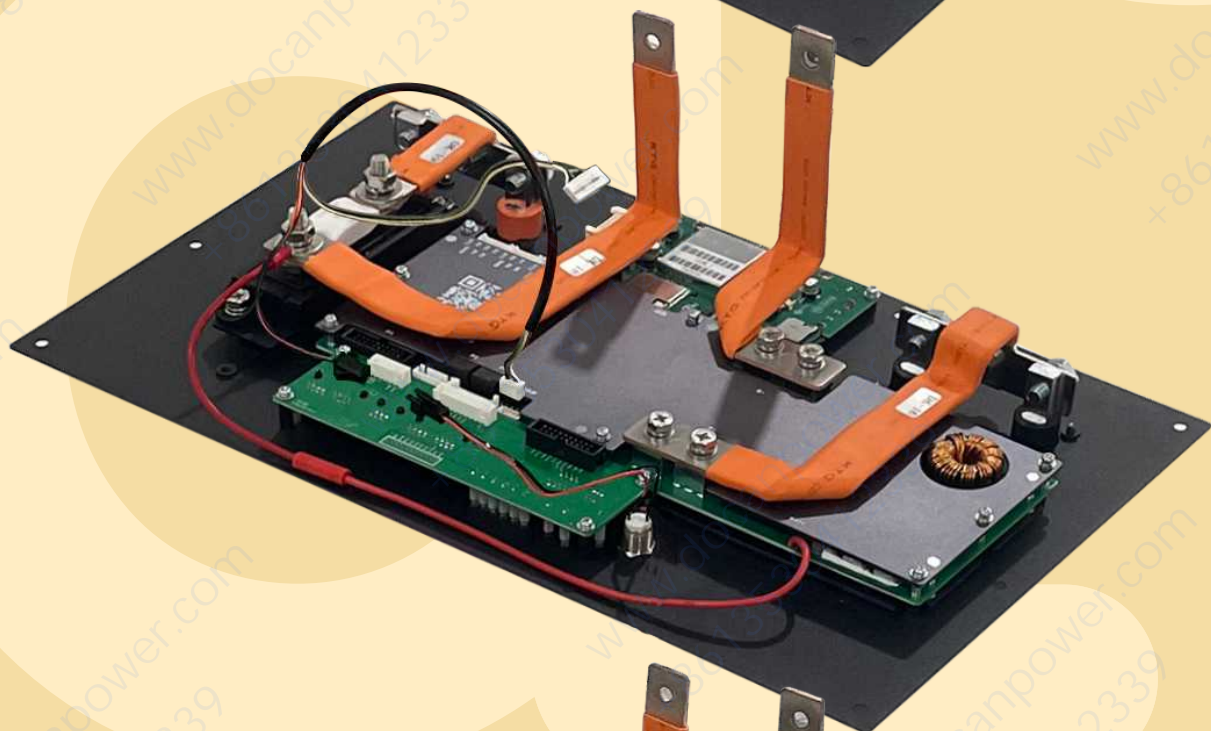
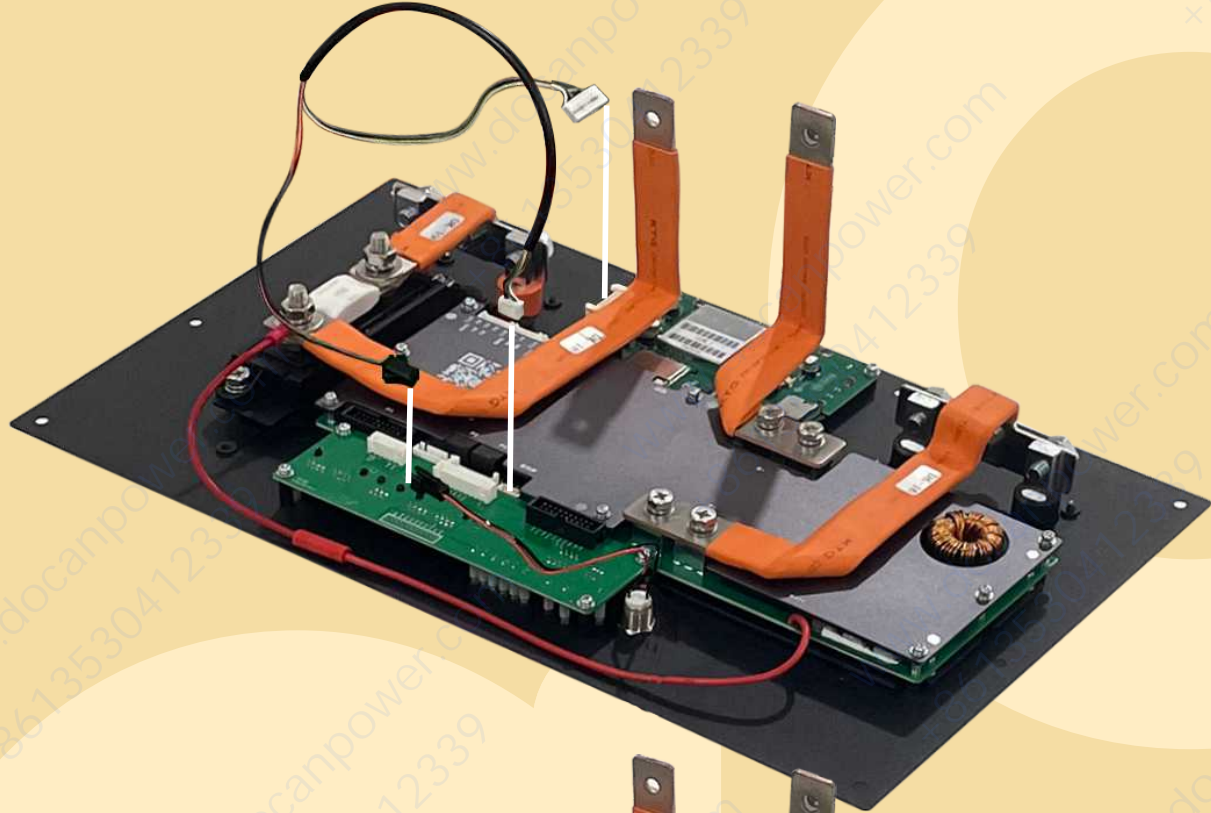
26PCS+2PCS

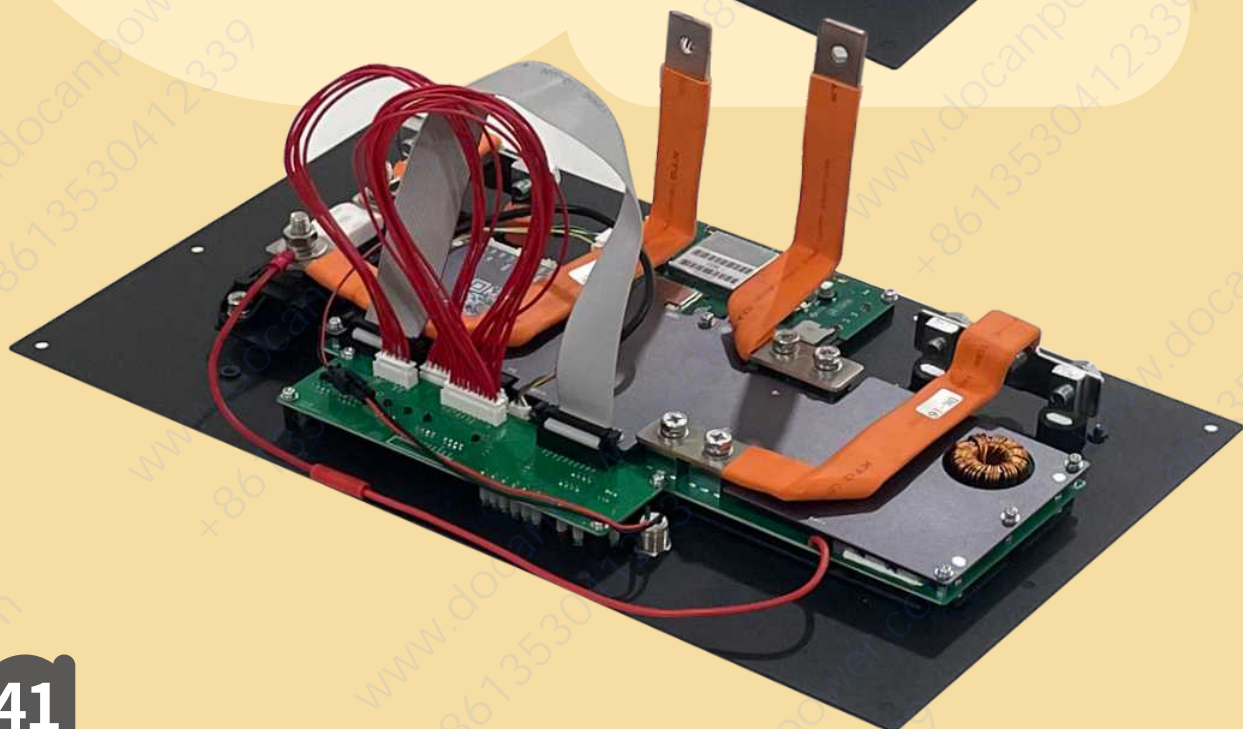
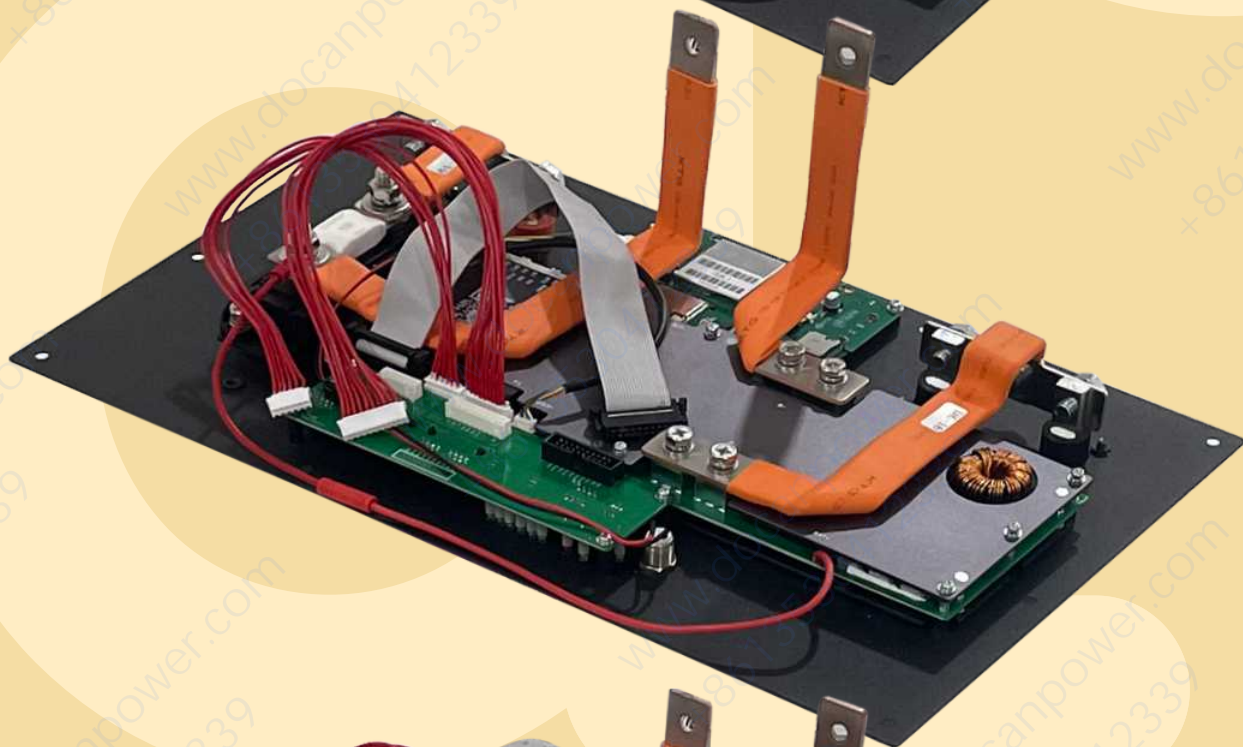
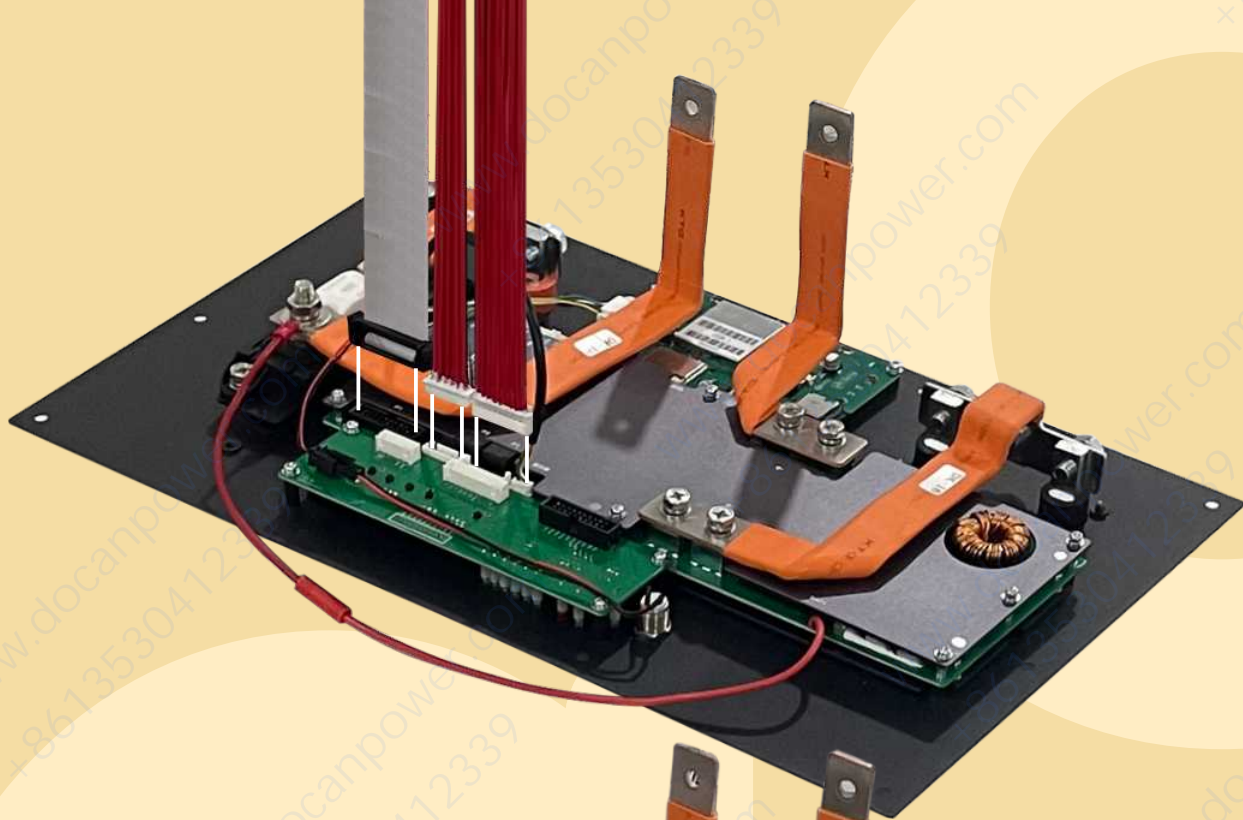


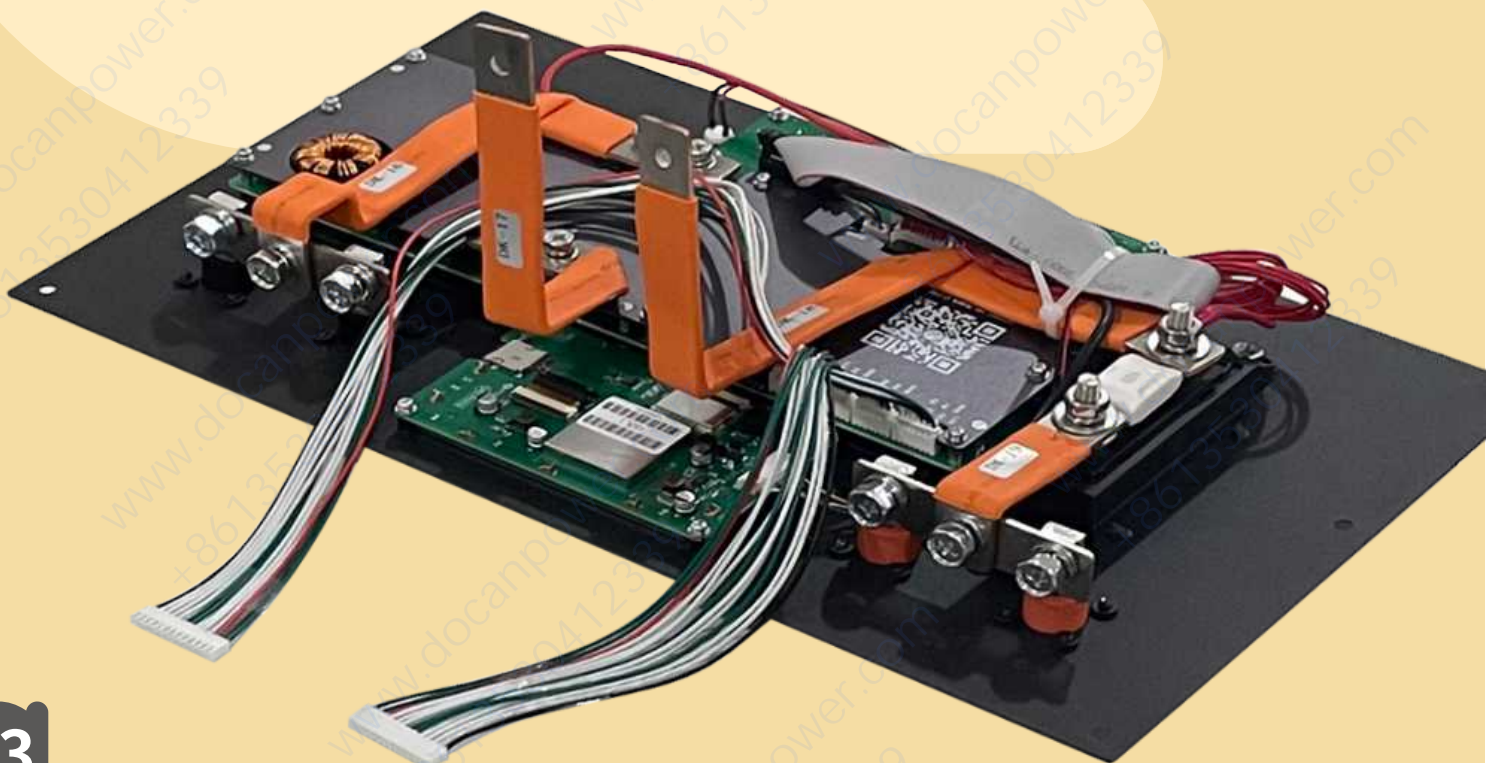
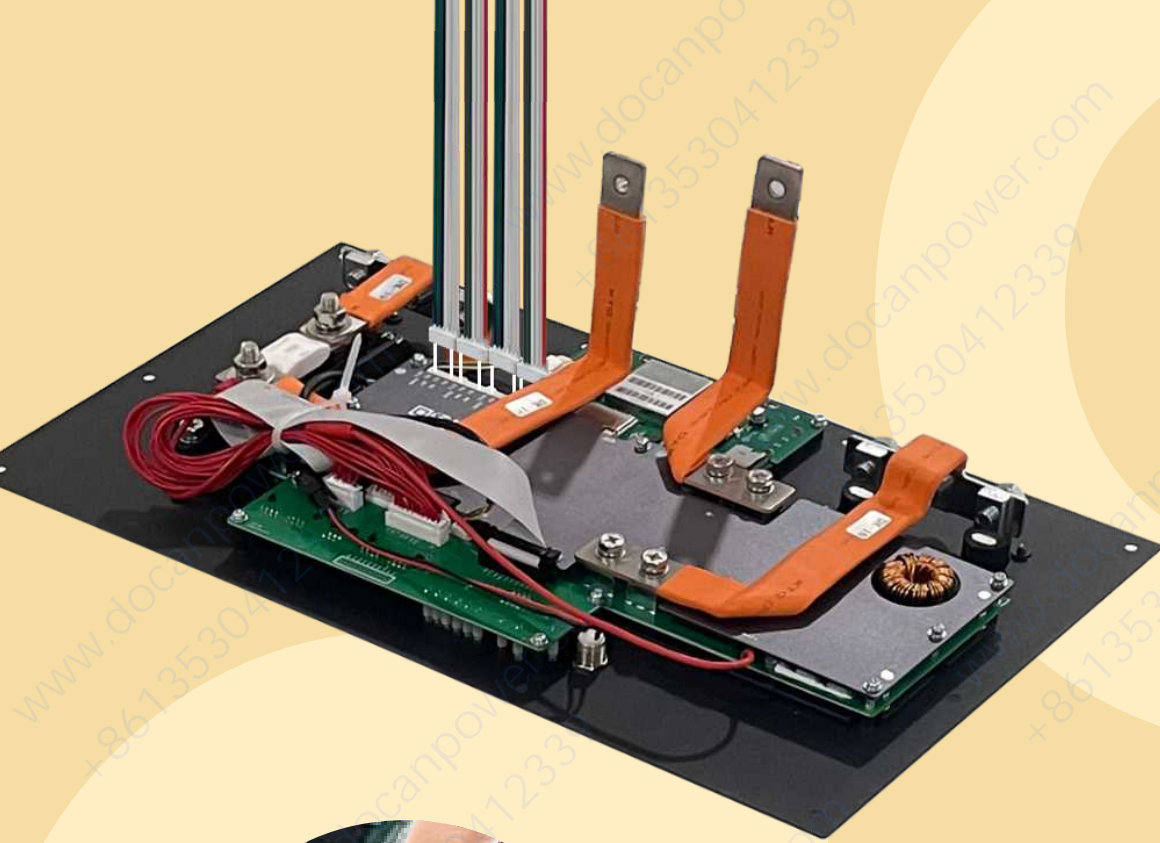
screw M5*10

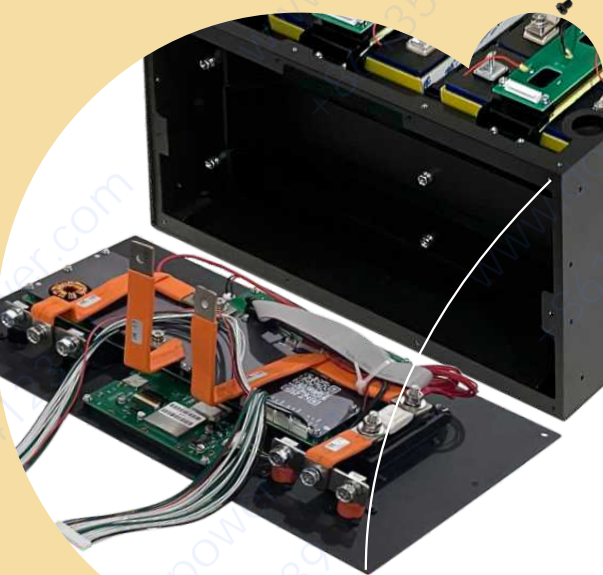
12PCS+2PCS















Notice:

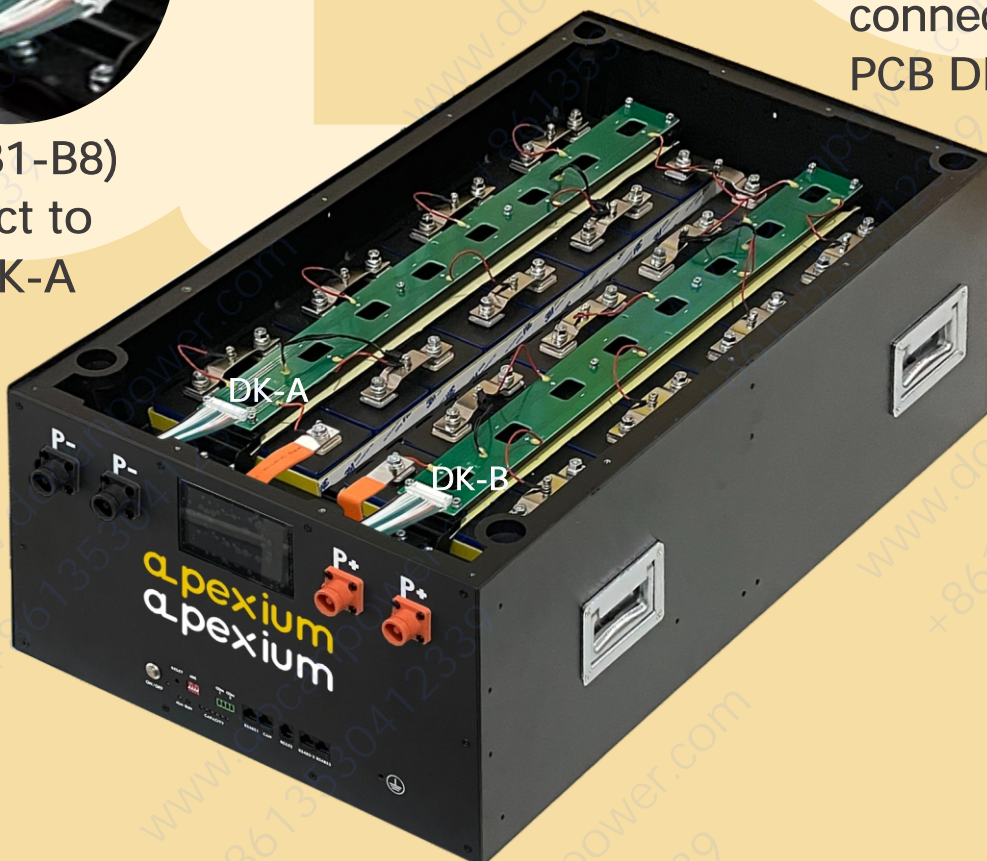
BMS will be damaged if the connections are reversed, and 8th and 9th batteries will not be displayed. We will not provide any after-sales service in this case, hope you can understand.



BMS(B1-B8)
connect to
PCB DK-A



BMS(B9-B16)
connect to
PCB DK-B









Making **suitable** solar storage system
for **different homes** around the world

