

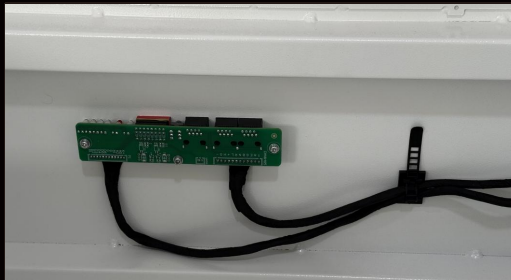
# STAND V1 48V 280 DIY KITS

## Assembling Guide



# STEP 1

Install the four wheels and communication interface, then peel off the adhesive backing of the insulation plate and attach the insulation plate to the inside of the enclosure.

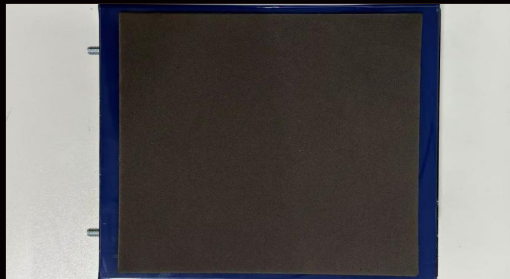


## STEP 2

Place the batteries in the box in sequence (please follow the placement order in the picture, as reversing the connections may cause a short circuit).

Place the EVA foam between the batteries, install the battery compartment's fixing plate, and tighten the screws.

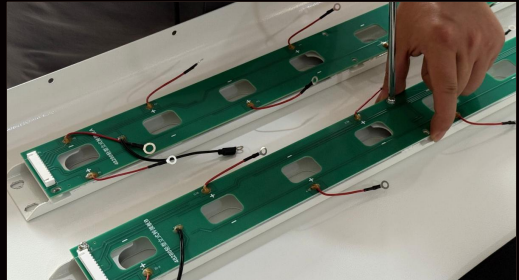
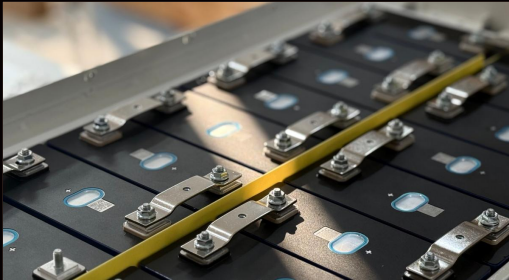
Notes: Make sure that the fuse is positioned near the display screen.



## STEP 3

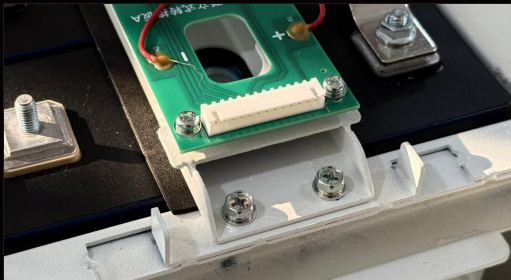
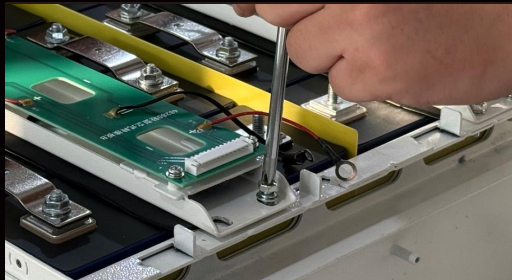
Connect the batteries using a busbar, and secure each battery terminal with screws (if using power tools, it is recommended to set the torque to 7Nm).

Fix the PCBs "DK-A" and "DK-B" onto the pressure strip.



## STEP 4

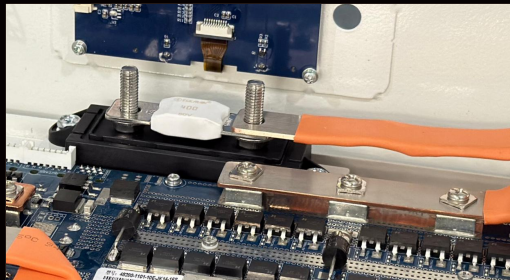
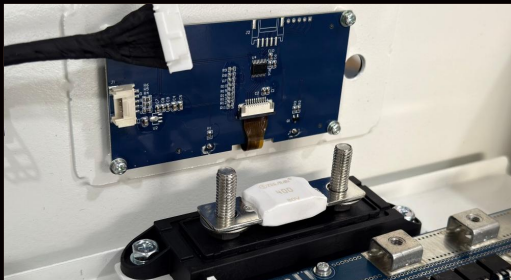
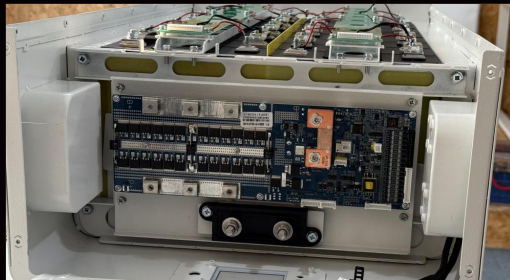
Fix the pressure strip onto the enclosure, making sure to align the directions of DK-A and DK-B. Tighten the screws on the pressure strip.



# STEP 5

Fix the BMS, fuse and LCD display.

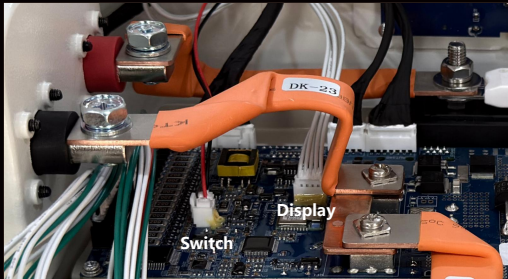
Note: The fuse must make direct contact with the connecting copper bus bar.



## STEP 6

Connect the other bus bars to the BMS and the positive and negative terminals. Connect the switch button, and then link the switch, display, and communication port wires to the BMS.

be sure to check that each screw is tightened properly.

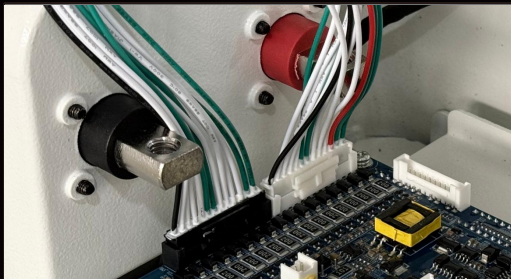
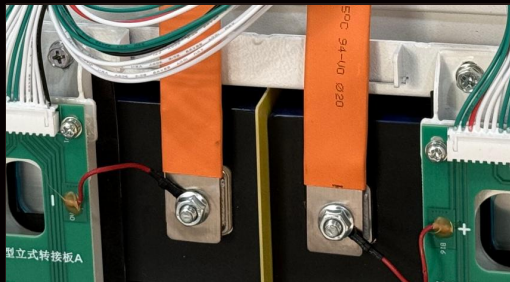


## STEP 7

Connect the BMS bus bar to the battery.

Connect DK-A to the black port on the BMS  
Connect DK-B to the white port on the BMS

Note: Reversing the connections may cause a short circuit in the battery, leading to irreversible damage.



## STEP 8

Double-check all the connections.  
After confirming everything is correct, press the switch to power on the battery, Installation is complete.

Note: Press and hold the "Confirm" button for 5 seconds to switch the language.(English and Chinese)



You can scan the QR code to download the mobile app.  
Open Bluetooth on your phone, log into the app, search for the battery, and connect.

Account:Admin  
Password:111111



Android



IOS

Scan the QR code to download BMS APP