

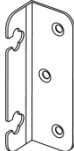
Accessory Kit:



Quick Installation Guide*1



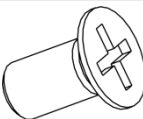
Fire-resistant Mud*1(1kg)



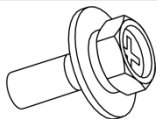
Hanging Lug*20



Expansion Bolt*6(M12*80)



Bolt*60(M4*8)



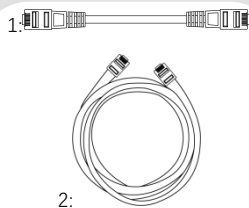
Bolt*40(M6*14)



Negative Cable(1: 150mm;
2: 190mm; 3:1085mm)



Positive Cable(1: 150mm;
2: 215mm; 3: 1160mm)

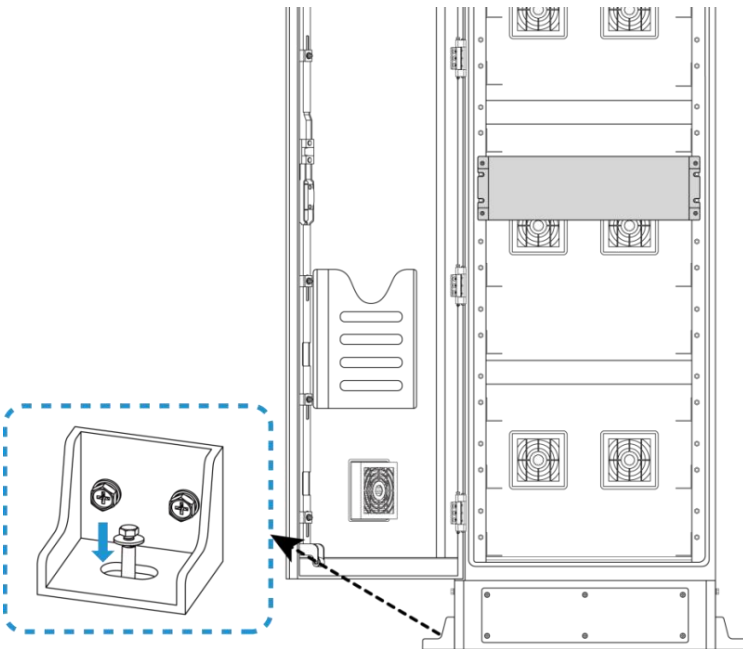


Communication Cable
(1: 300mm ;2: 1500mm)

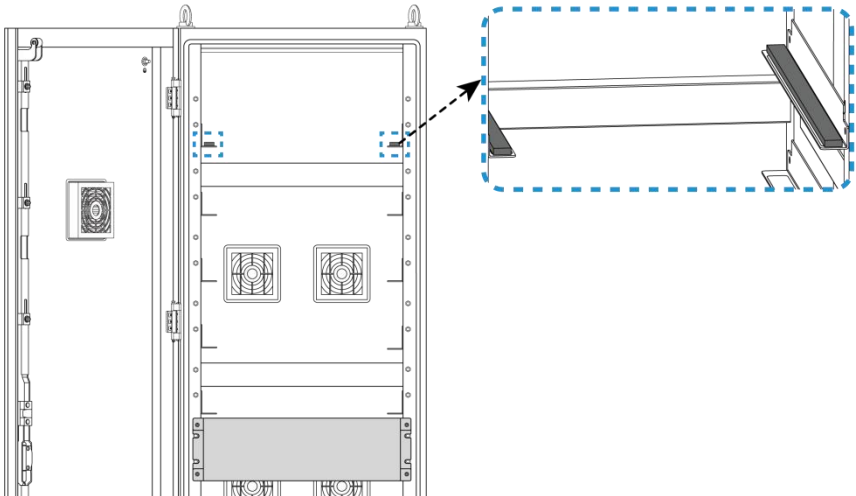


Base Plate*2

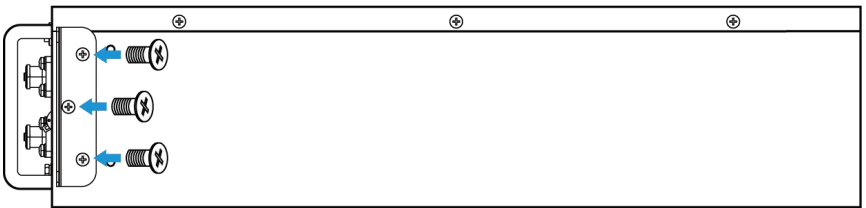
1. Fix the cabinet with expansion bolts, Recommended torque: 44~65 N·m. Check that the foot fixing bolts (M8×20) on top of the mounting feet are securely tightened. If tightening is required, the recommended torque for M8×20 bolts: 12~19 N·m.



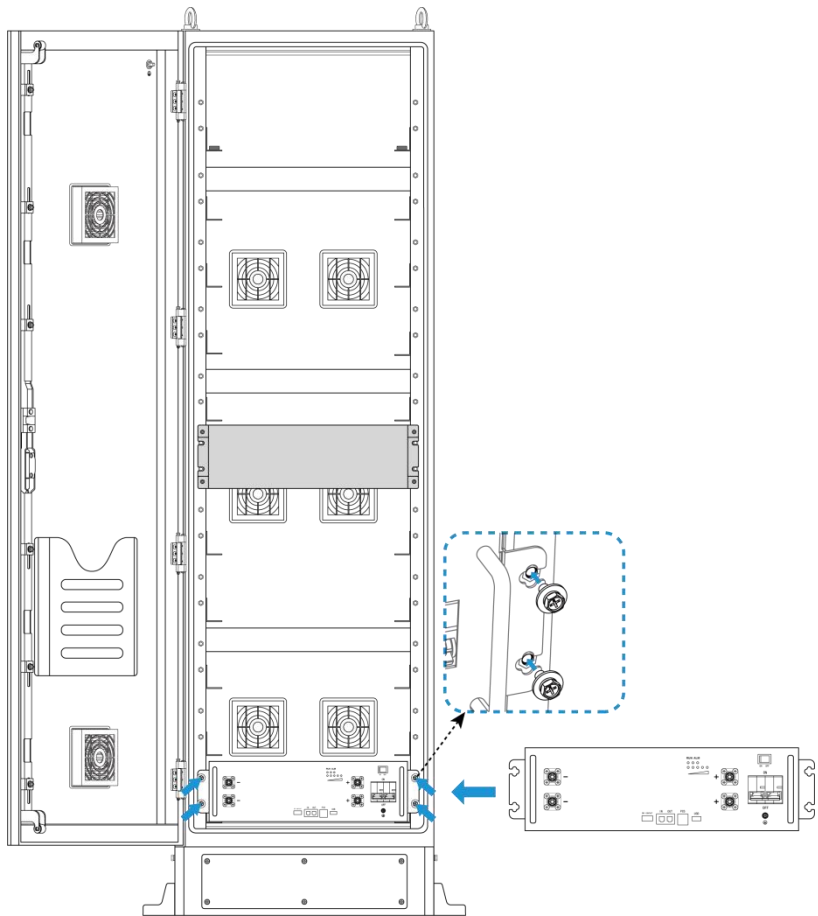
2. Attach the base plate to the topmost mounting frame.



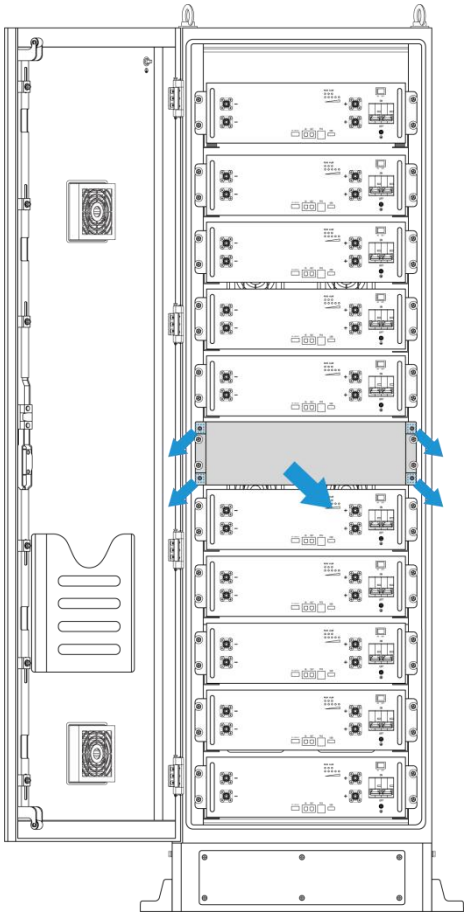
3. Fix the hanging lugs to the battery pack using M4*8 bolts. Recommended torque: 1.6~2.2 N·m.



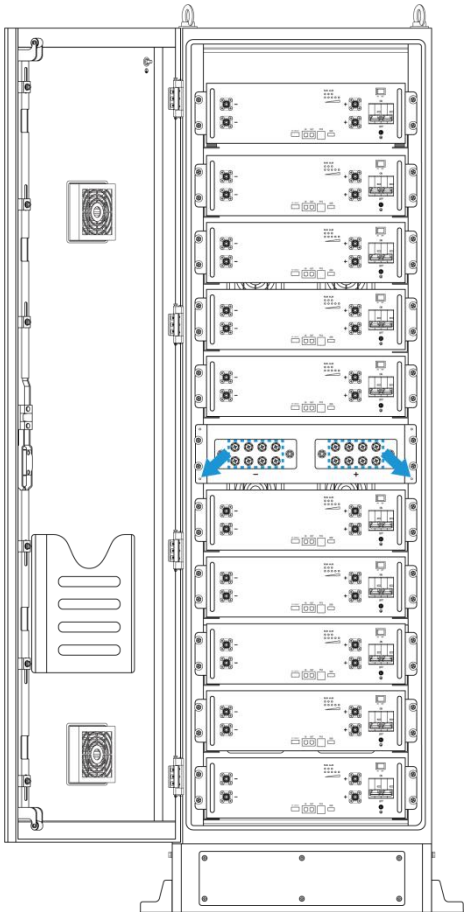
4. Insert the battery pack into the cabinet and secure it with M6*14 bolts. Recommended torque: 5.3~7.4 N·m.



5. Remove the protective cover of the junction box by remove the M4 nuts.



6. Remove the screws, nuts, flat washers and spring washers from the wiring area of the junction box.



7. Wiring

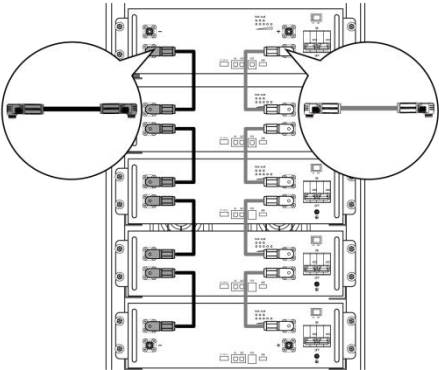
Power Cable Wiring

- Between Battery Packs (Battery Pack Parallel Connection Wiring)

Use Wiring Cable 1 to connect battery packs.Take the junction box as the boundary:

The 5 battery packs in the upper section are connected in sequence: positive to positive, negative to negative.

The wiring of the 5 battery packs in the lower section is same as above.

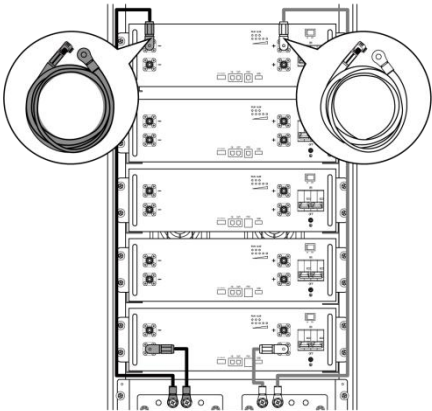


Ensure all connections are "positive to positive, negative to negative".
Cross connection is strictly prohibited.

- Between Battery Packs and Junction Box (Battery Pack to Junction Box Connection)

Use Wiring Cable 2 to connect the junction box to the upper and lower battery packs closest to it.

Use Wiring Cable 3 to connect the junction box to the topmost and bottommost battery packs.

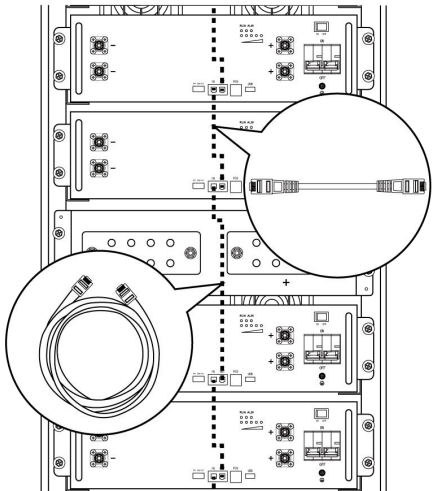


- Between Junction Box and Inverter

All remaining terminals of the junction box can be connected to the inverter.Select the wiring cable according to the inverter model. The cable shall be provided by the customer.

Communication Cable Wiring

- Between Battery Packs



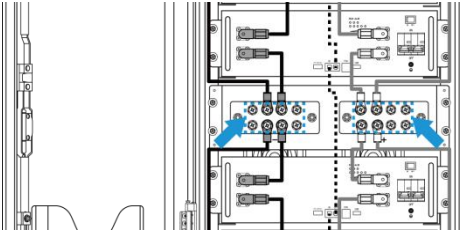
Use Wiring Cable 1 to connect battery packs.

Use Wiring Cable 2 for communication connections between battery packs which are adjacent to the junction box.

- Between Battery Packs and Inverter

It is recommended to use the bottommost battery pack for communication connection with the inverter.The cable shall be provided by the customer.

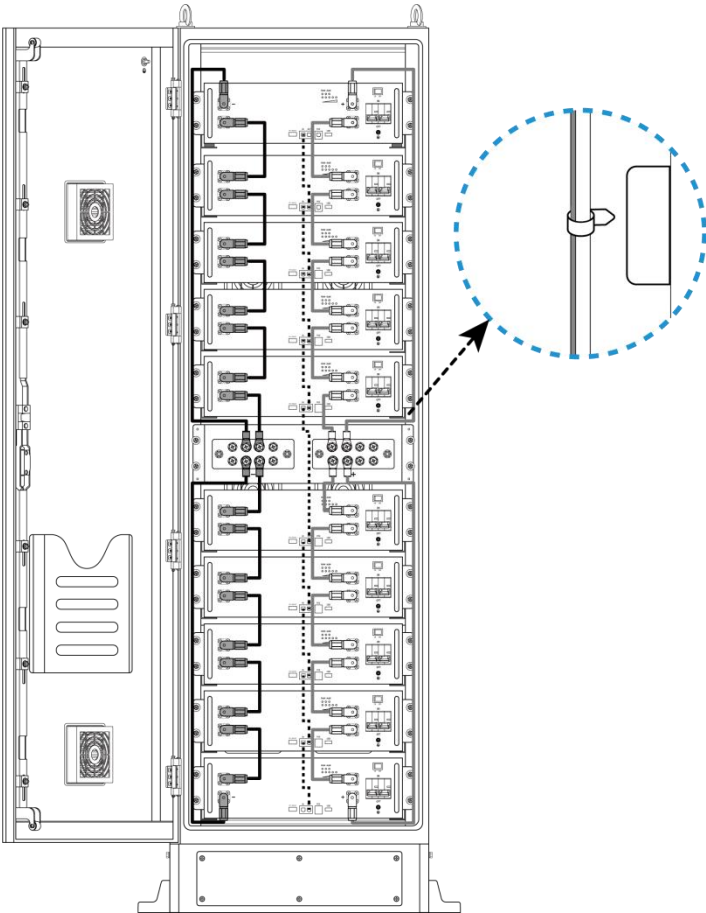
8. Fix the screws, nuts, flat washers and spring washers of the junction box in place to secure the connected wiring cables. Recommended torque: 30~33 N·m.



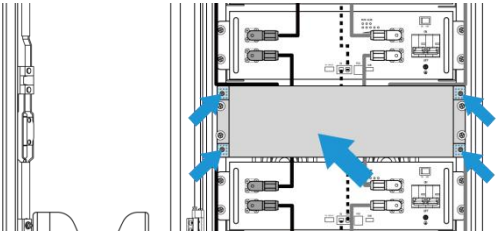
9. After wiring, fasten the long cables to a proper position on the left and right side of the cabinet with cable ties. Such fixation is to prevent cable loosening due to swaying, and more importantly, to avoid the cables from being scratched, cut or damaged by the cabinet door lock tongue during door operation.



Cable damage will result in electric leakage, which poses severe electrical risks and may trigger major safety accidents!



10. Replace the protective cover of the junction box and secure it with the original nuts. Recommended torque: 1.6~2.2 N·m.



11. External Wiring

Lead out the power cables (between junction box and inverter) and the communication cable (between battery pack and inverter) from the bottom cable outlet in accordance with the markings. The cables are connected to the inverter's battery input connectors.

After completing the wiring between the cabinet and the inverter, seal the bottom cable outlet with Fire-resistant mud.

