

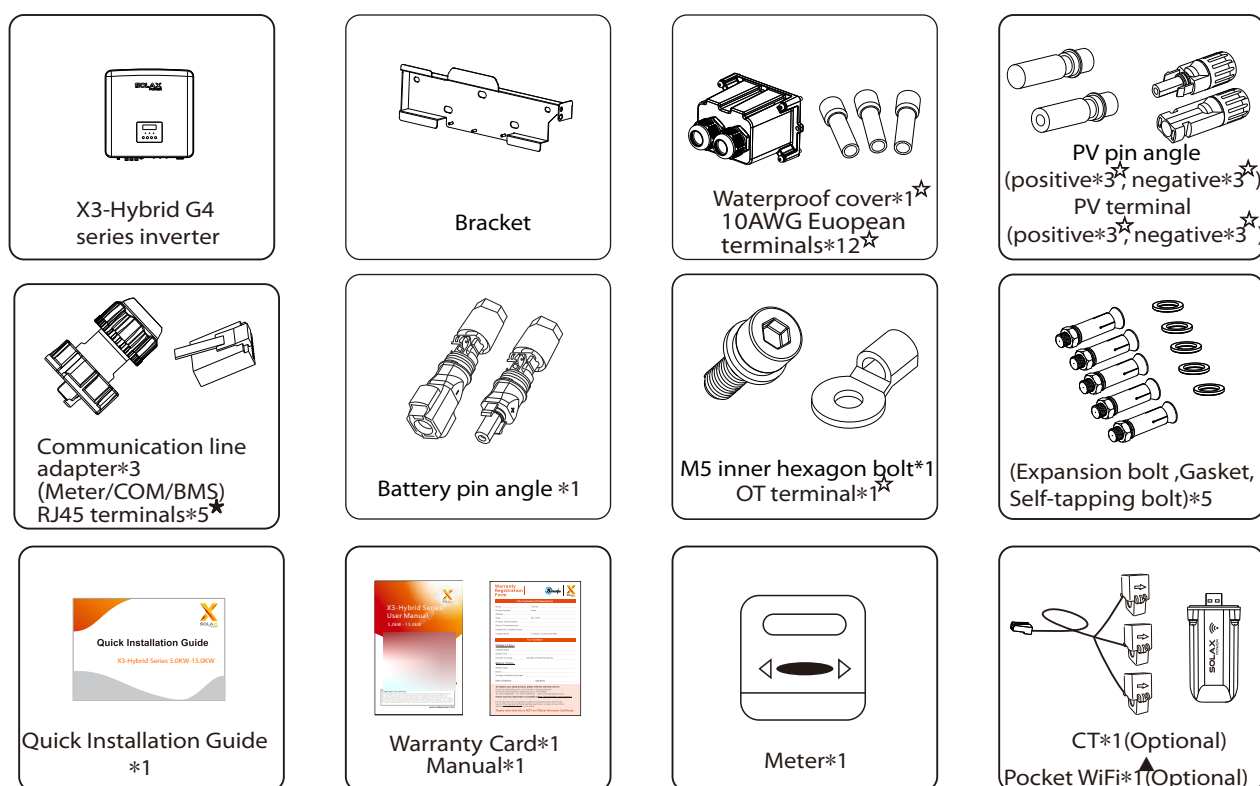


Quick Installation Guide

X3-Hybrid 5.0KW-15.0KW

I

Packing List



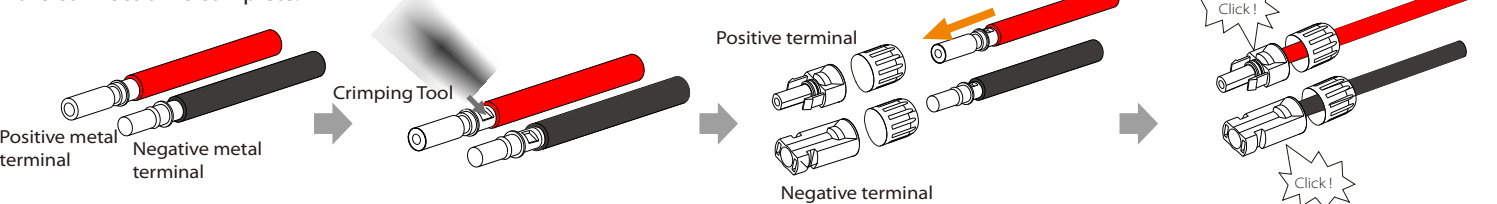
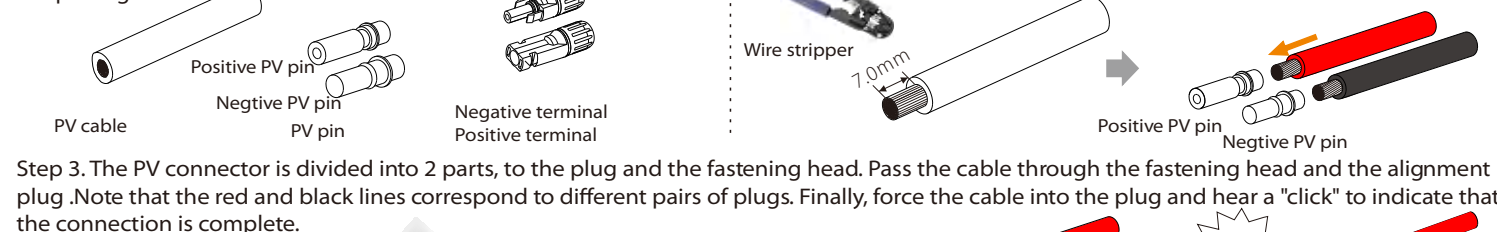
Note: * ★ attachments are not included in the M series inverter attachment package and will be included in the X3-Matebox.
★ The inverter in Australia needs to be connected to DRM, which is 1 more communication line adapter than that in other countries.
▲ Is the standard accessory in the M-series inverter and the optional accessory in the D-series inverter.

IV

PV Connection

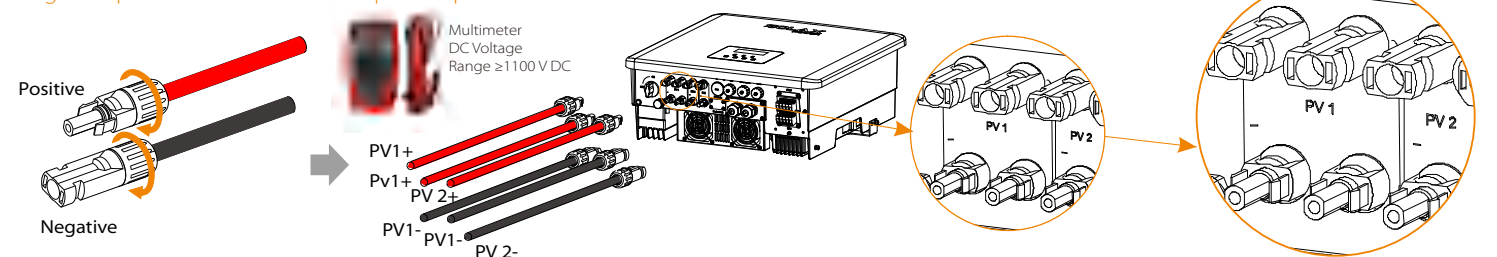
*The PV port wiring of X3-Hybrid G4 M series inverter has been completed. For specific installation details, please refer to the X3-Matebox Quick Installation Guide, the D series needs to be wired according to the following steps.

Step 1. Turn off the DC switch, connect the PV module, prepare a 12AWG PV cable, and find the PV (+) terminal and PV (-) terminal in the package.



Step 4. Tighten the fastening head and into insert the corresponding positive and negative (PV-/PV+) ports of the inverter.

Note: Before inserting the PV terminal, please turn on the switch of the PV module, and use a multimeter to measure the positive and negative poles of the PV terminal port to prevent reverse connection



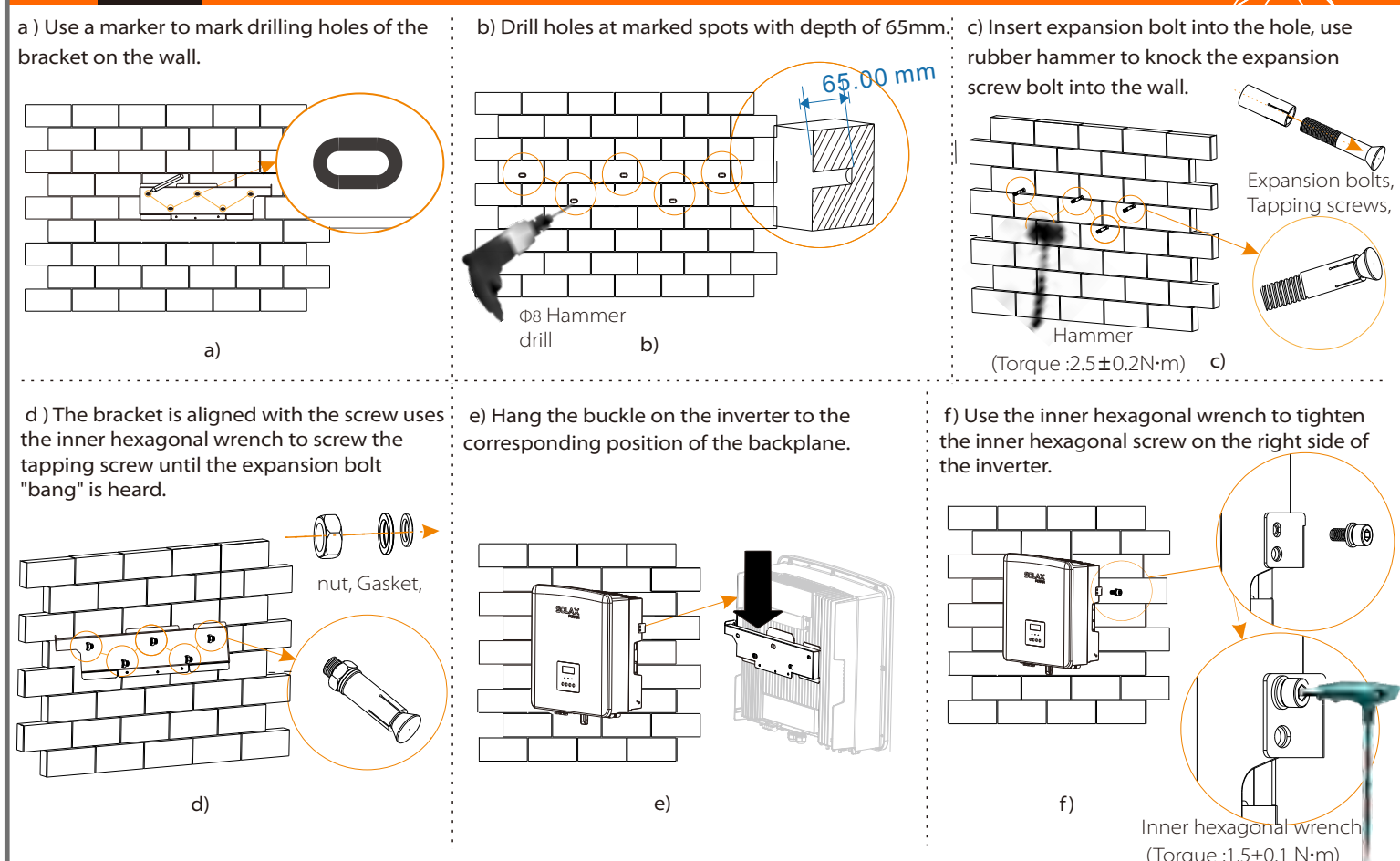
II

Tool Preparation



III

Mounting Steps



V

Grid and Off-grid Connection

Diagram A: N line and PE line separate wiring, D series inverter; (For most countries)

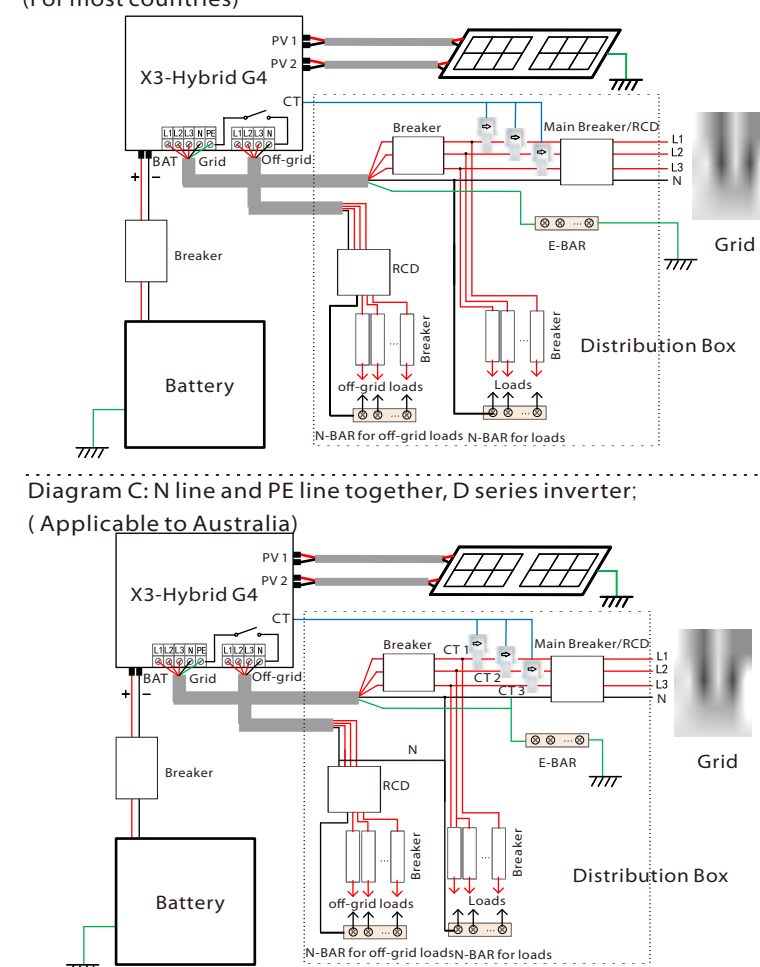


Diagram B: N line and PE line separate wiring, M series inverter; (For most countries)

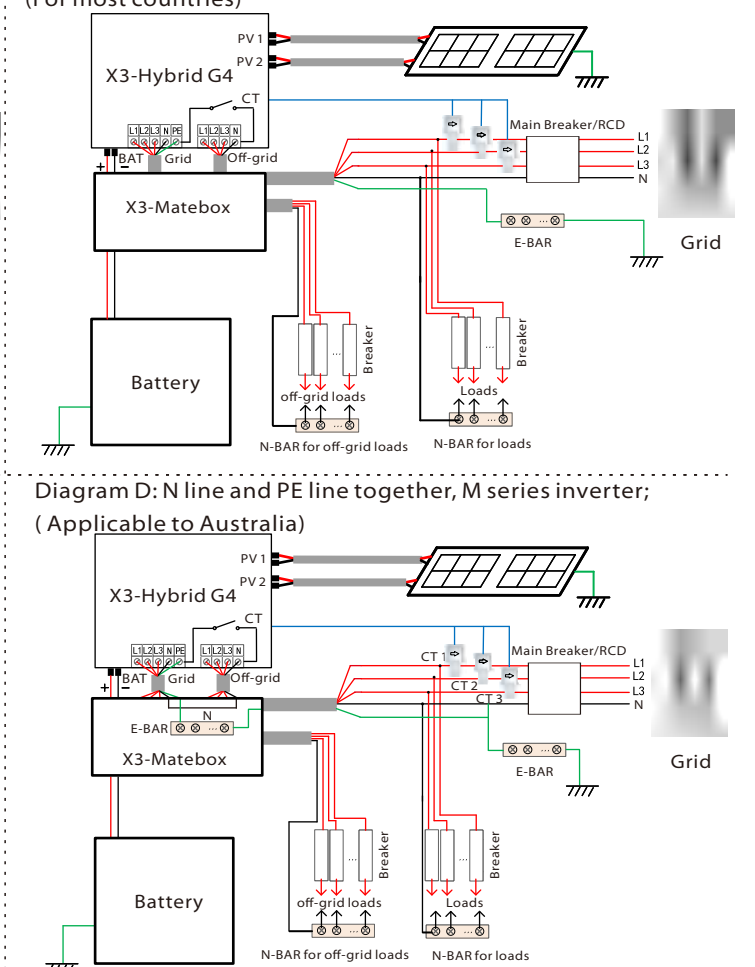


Diagram C: N line and PE line together, D series inverter; (Applicable to Australia)

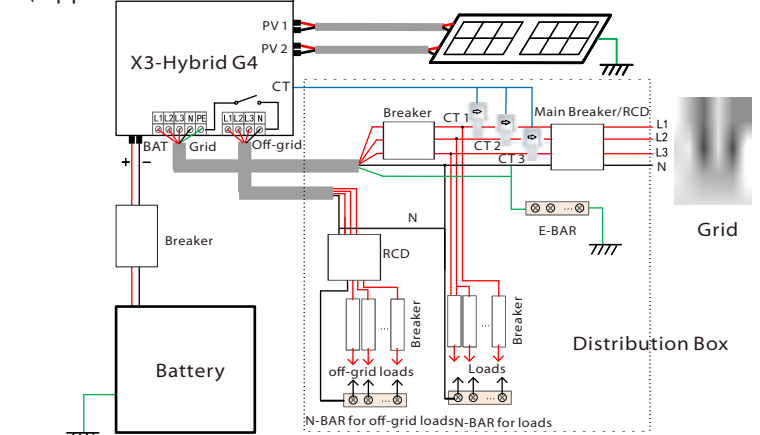
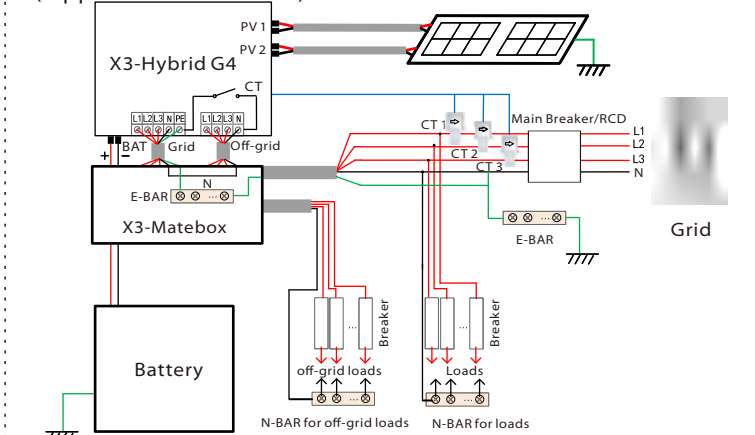


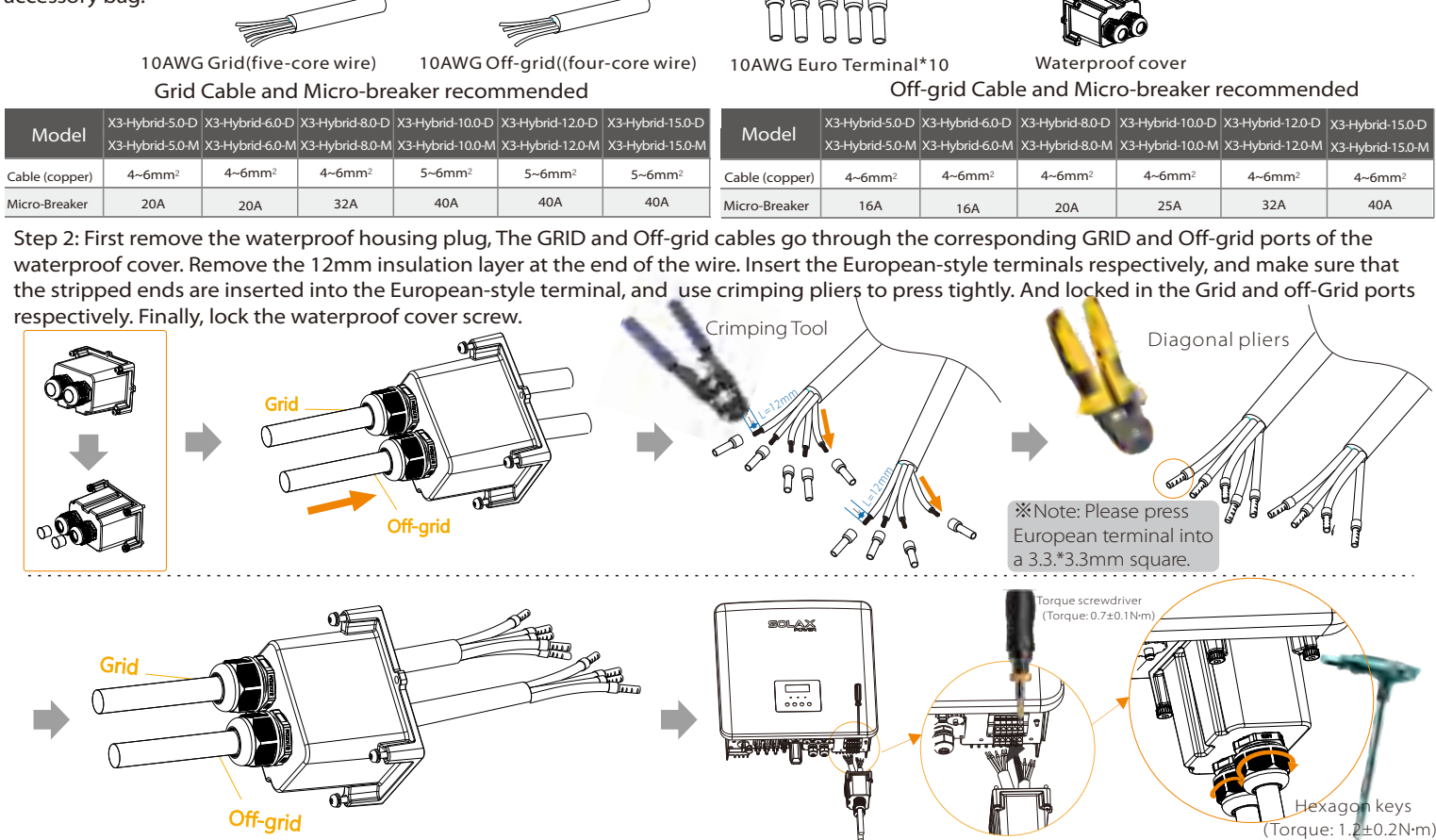
Diagram D: N line and PE line together, M series inverter; (Applicable to Australia)



Note: The RCD on the figure represents a leakage protection device with a circuit breaker function.

* The Grid and the Off-grid ports of X3-Hybrid G4 M series inverter have been connected, for specific installation details, please refer to the X3-Matebox Quick Installation Guide. and the D series needs to be wired according to the following steps.

Step 1. Prepare a Grid cable (five-core wire) and an Off-grid cable (four-core wire), and then find the European terminal and waterproof cover in the accessory bag.



Step 2: First remove the waterproof housing plug, the GRID and Off-grid cables go through the corresponding GRID and Off-grid ports of the waterproof cover. Remove the 12mm insulation layer at the end of the wire. Insert the European-style terminals respectively, and make sure that the stripped ends are inserted into the European-style terminal, and use crimping pliers to press tightly. And locked in the Grid and off-Grid ports respectively. Finally, lock the waterproof cover screw.

Note: Please press European terminal into a 3.3*3.3mm square.

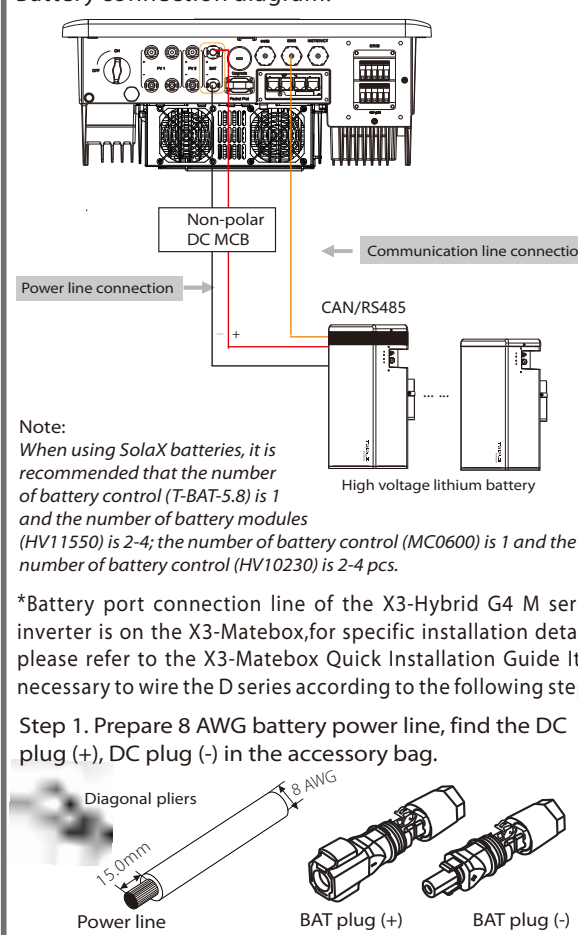
Torque screwdriver (Torque: 0.7±0.1Nm)

Hexagon keys (Torque: 1.5±0.1Nm)

IV

Battery Connection

Battery connection diagram:

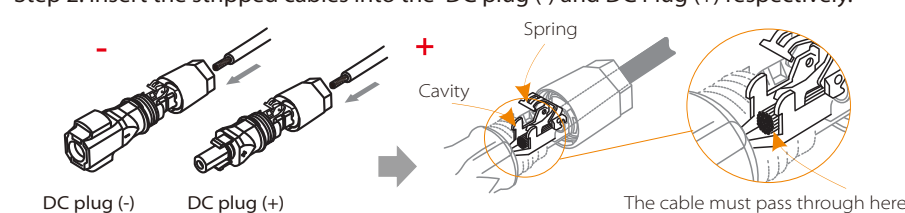


Note: When using SolaX batteries, it is recommended that the number of battery control (T-BAT-5.8) is 1 and the number of battery modules (HV11550) is 2-4; the number of battery control (MC0600) is 1 and the number of battery control (HV10230) is 2-4 pcs.

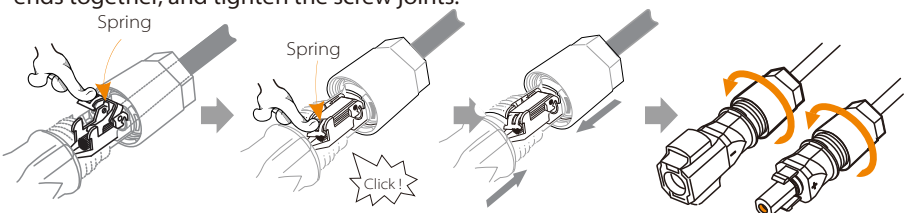
*Battery port connection line of the X3-Hybrid G4 M series inverter is on the X3-Matebox, for specific installation details, please refer to the X3-Matebox Quick Installation Guide. It is necessary to wire the D series according to the following steps.

Step 1. Prepare 8 AWG battery power line, find the DC plug (+), DC plug (-) in the accessory bag.

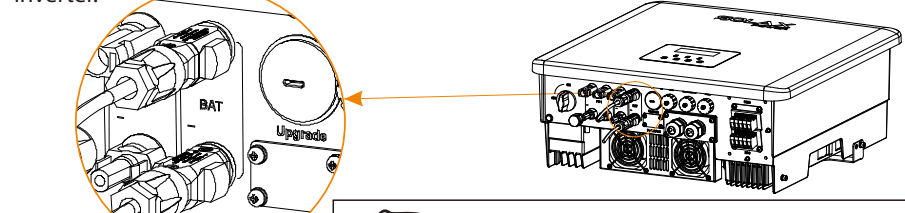
Step 2. Insert the stripped cables into the DC plug (-) and DC Plug (+) respectively.



Step 3. Press down on the spring by hand, you can hear a click sound, then push the ends together, and tighten the screw joints.



Step 4. Insert the battery power lines into the corresponding BAT port (+), (-) of the inverter.



Note: BAT port, not PV port!

Note: The positive and negative wires of the battery are not allowed to be reversed!

Note! After the BMS communication between the battery and the inverter is finished, the battery will work normally.