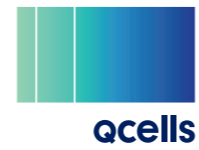
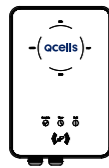


Installation and operation manual

Q.HOME EDRIVE A EV-Charger



1. Packing List



EV-Charger x 1



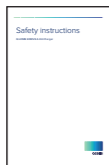
Expansion bolt x 3



Self tapping screw x 3



Gasket x 3



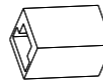
Safety Instructions x 1



Quick Installation Guide x 1



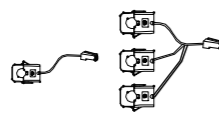
Ferrules x 3/5
(3 for single-phase; 5 for three-phase)



RJ45 terminal adapter x 1



RFID Card x 2



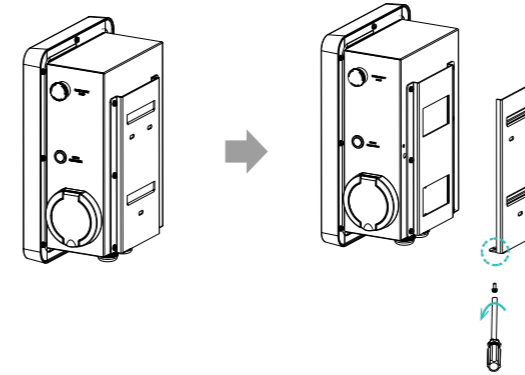
CT (single-phase) x 1/
CT (three-phase) x 1



Warranty Card x 1

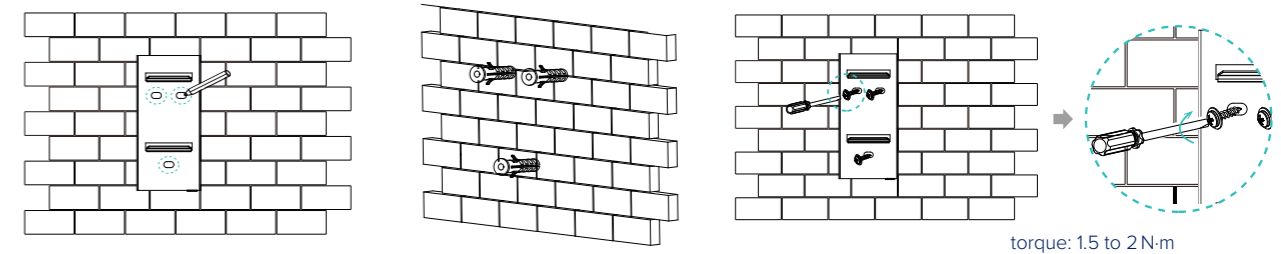
2. Installation Steps

STEP 1 Remove the screw from the EV-Charger. Then remove the back bracket carefully.



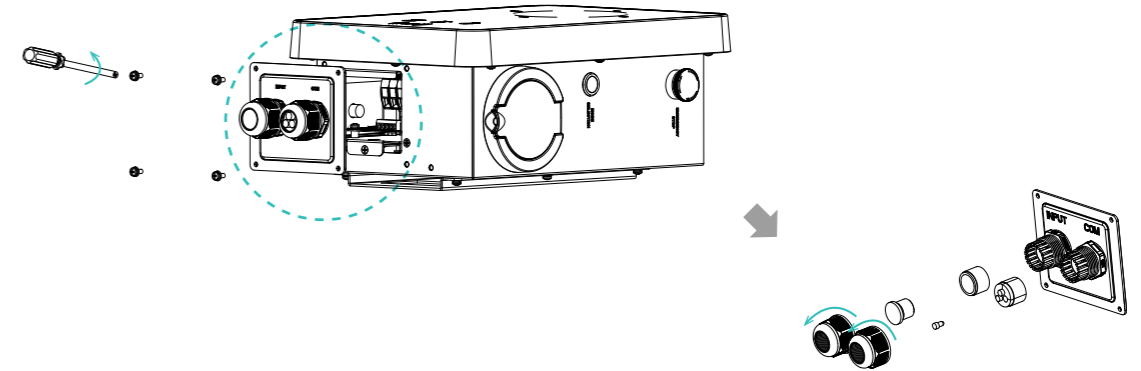
STEP 2 Fix the back bracket to the wall.

- a.** Mark the position of the holes.
- Drill holes with $\varnothing 8$ drill.
 - Depth: at least 45 mm.
- b.** Insert the expansion bolts.
- c.** Align the bracket with the holes, and screw the self tapping screws.

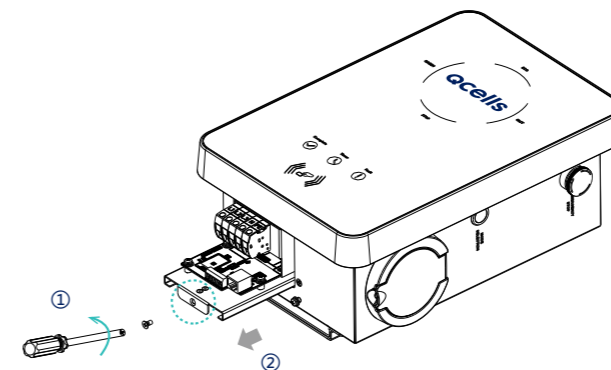


STEP 3 Hang the EV-Charger on the wall for trial, then estimate the required length of input cable (outer diameter: 12.5 to 18mm, min. $3 \times 2.5\text{mm}^2 / 5 \times 4\text{mm}^2$) and communication cable. After that, take the EV-Charger down.

STEP 4 Unscrew the EV-Charger's rear cover and take it down. Disassemble the cable glands into its individual parts.



STEP 5 Unscrew the countersunk screw of the base plate of communication board. Then pull the base plate of communication board out.

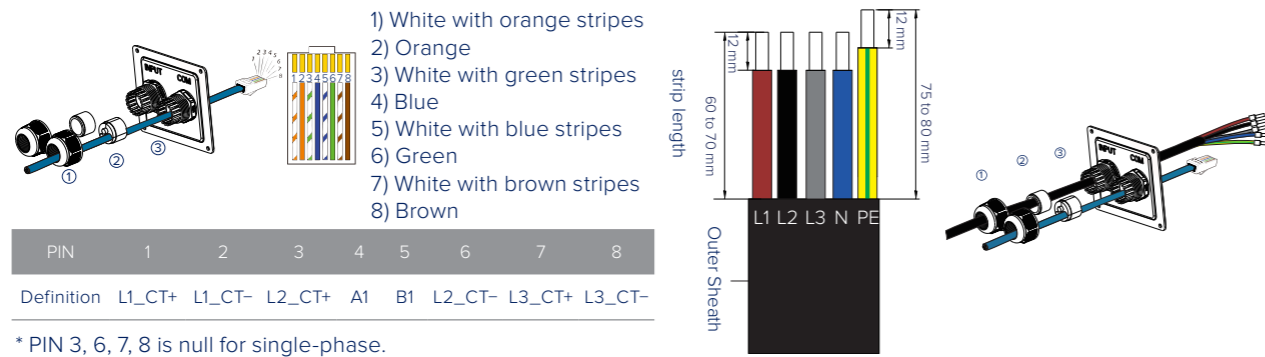


2. Installation Steps

STEP 6 Insert the prepared communication cable through the cable gland in sequence as shown below (Ensure the correct wiring when crimping is needed).

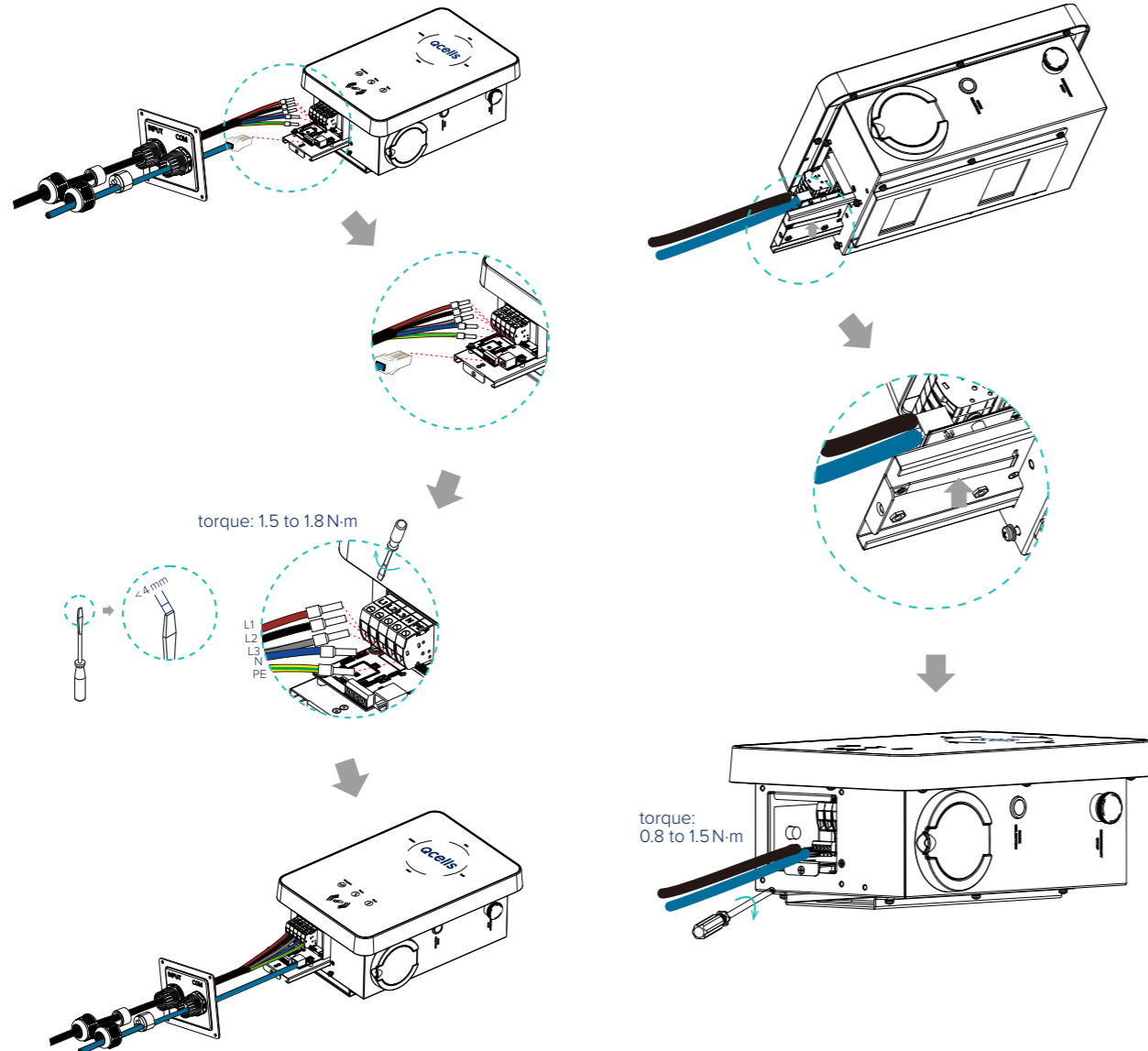
STEP 7 Strip the outer sheath of the input cable as below, ensuring all the wires can reach the terminal blocks with a little excessive length. Use the stripping pliers to strip approx. 12 mm of insulation from the end of all the coloured wires as below. Then crimp the ferrules with the wire crimper.

STEP 8 Insert the input cable through the cable gland in sequence as shown below.

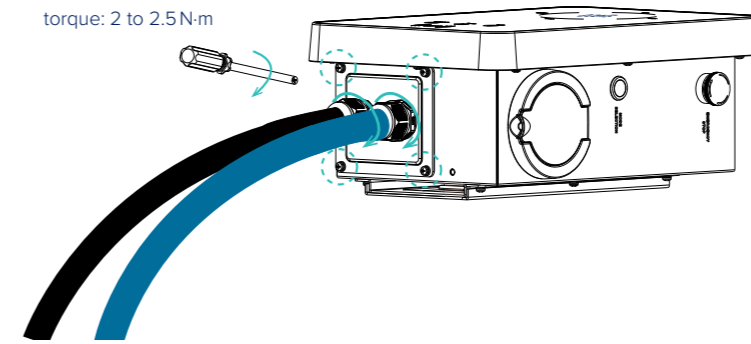


STEP 9 Insert the wires into the appropriate holes of the terminal blocks, then block the terminals with the straight screwdriver.

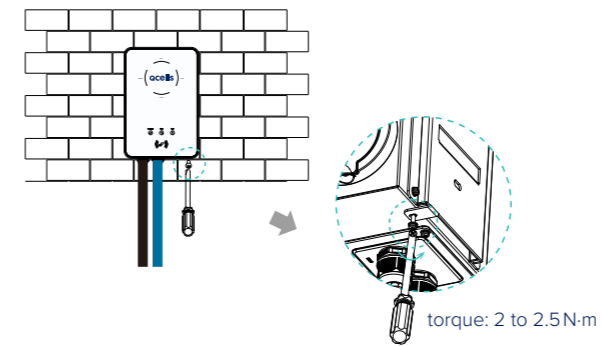
STEP 10 Press the spring upward and push the base plate of communication board in. Then assemble the counter-sunk screw.



STEP 11 Push the rear cover to appropriate position of the cables and assemble the self tapping screws. Then tighten the cable glands.



STEP 12 Hang the EV-Charger up carefully and steady the EV-Charger with the self tapping screw.

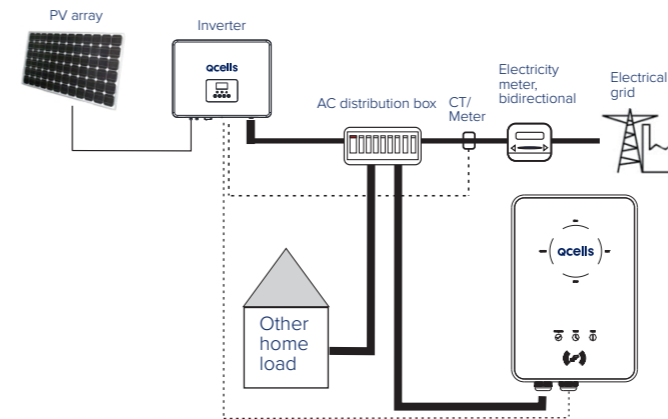


*A Residual Current Device (RCD) type A is recommended for the protection of the AC power supply.

3. CT & Wi-Fi Connection

Connection with Q.VOLT HYB-G3 Inverter

Diagram:



Note

- For the use with Q.HOME+ ESS HYB-G3 System the meter is included in the Q.SAVE Matebox. It does not need to create an additional connection to the meter.
- For connection with other inverters, please check the installation manual and use the attached CT's.

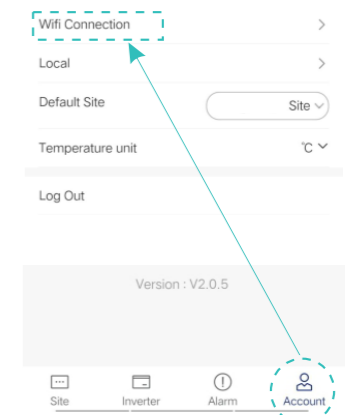
Wi-Fi Connection

STEP 1 Use your smart phone to scan below QR code or search for the keyword "Q.HOME" in browser to download the Monitoring App.



STEP 2 Create a new account on the Monitoring App.

STEP 3 Login and turn to Account page in the app. Then click "Wi-Fi Connection" and follow the instructions to complete the process.



*If manual WiFi configuration is required, the IP address is <http://192.168.10.10/>.

Documentation Link

