

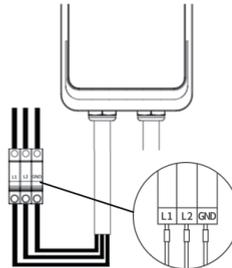
## STEP 5

1. Slowly push the panel into the bottom shell.
2. Tighten six screws of the panel and close the charging station.



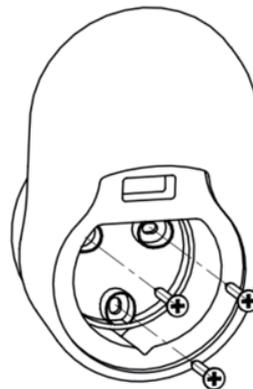
## STEP 6

1. Set the circuit breaker protection in the input field of the EV charging station for electrical safety.
2. Connect Lead L1 to the distribution box L1, Lead L2 to L2, then the GND wire to GND.



## STEP 7

1. Place the positioning sheet of the EV charger holder horizontally on the mounting surface and confirm the mounting position.
2. Drill the upper and lower mounting holes according to the hole markings. Hammer  $\phi 6 \times 25$  plastic expansion wall plugs into these mounting holes.
3. Align the EV charger holder with screw holes, keep it horizontal on the wall and insert three M4x25 screws into these holes.
4. Tighten these three M4x25 screws to fix the EV charger holder.





User Manual



APP



Installation Demonstration



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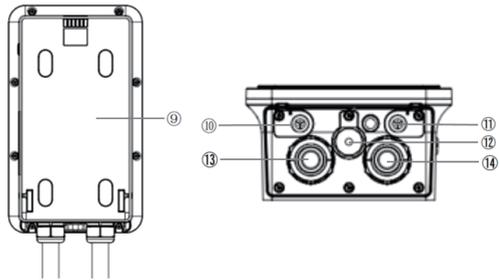
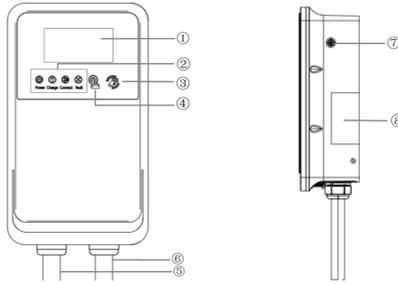
# EV Charger

## Instructions for Charging Station Installation



# 1. Product Diagram

1. LCD/Digital Display Area
2. Indicators (from left to right)
  - Power Indicator
  - Charging State Indicator
  - Network State Indicator
  - Fault State Indicator
3. RFID and Touch Area
4. Touch Button
5. Inlet Cable (optional)
6. Charging Cable
7. Emergency Stop Button
8. Nameplate
9. Wall Mounting Plate
10. RS485 Port 1
11. RS485 Port 2
12. RJ45 Interface
13. Waterproof Connector of Inlet Cable
14. Waterproof Connector of Charging Cable



|   |   |   |   |   |
|---|---|---|---|---|
|    |    |   |    |   |
| T25 Torx wrench *1  | M6 Allen Wrench *1  | M4x25 Screw *3  | φ6x25 Plastic Expansion Wall Plug *3  | M6x50 Socket Head Expansion Screw *4  |
|  |  |  |  |  |
| M5x14 Torx Screw *2   | EV Charger Holder   | Positioning Sheet of Wall Mounting Plate  | Positioning Sheet of EV Charger Holder  | Wall Mounting Plate *1  |

## 2. Product Installation

### 2.1. Preparations for Installation

- It is recommended to install the charging station at a height between 700 mm and 1500 mm above the ground.
- Ensure that the ambient temperature is within the range of -30 °C to +55 °C.
- Mount the charging station, the wiring channel and the wire hook in appropriate positions on the parking center line.
- Do not install the charging station in an environment where it may be damaged.



#### WARNING & CAUTION

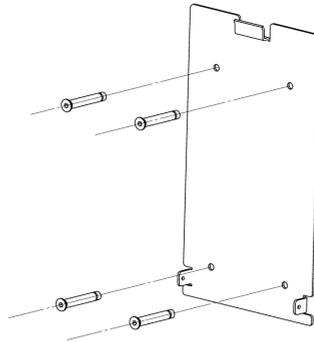


- Be sure to prepare all the required tools (refer to the “Product List”) before installation.
- Be sure to shut off the power of the charging station before installation.
- Electrical working is required while this charging station is installed. Its installation must be done by professional technicians for safety assurance.

### 2.2. Installation Procedure

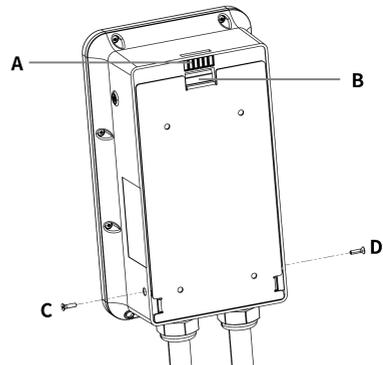
#### STEP 1

1. Place the positioning sheet horizontally on the mounting surface and confirm the mounting position.
2. Drill the upper and lower mounting holes according to the hole location markings.
3. Align the wall mounting plate with screw holes, keep it upright on the wall and insert four M6x50 screws into these holes.
4. Tighten these four M6x50 screws to fix the wall mounting plate.



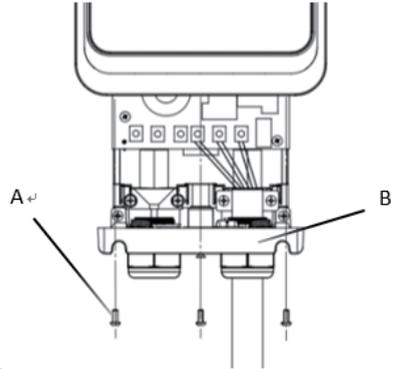
#### STEP 2

1. Insert the back (A) of the charging station into position (B) of the wall mounting plate. Move the charging station downwards until it reaches the stop position for mounting.
2. Tighten M5×14 screws on both sides (C and D) of the charging station.



### STEP 3

1. Remove six screws (A) from the panel.
2. Slowly pull out the drawer panel (B).

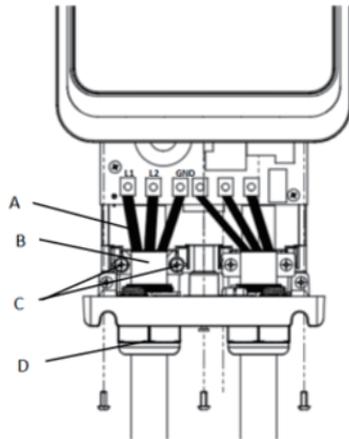


Selection Table of Current Magnitude and Wire Gauge

| Current Magnitude | 16 A   | 32 A  | 40 A  | 48 A  | 80 A  |
|-------------------|--------|-------|-------|-------|-------|
| Wire Gauge        | 10 AWG | 8 AWG | 7 AWG | 6 AWG | 2 AWG |

### STEP 4

1. Strip off the inlet cable sheath by 10 mm.
2. Remove the waterproof connector (D) on the bottom of the charging station.
3. Thread the charging cable into the charging station and fasten the waterproof connector in advance.
4. Connect the inlet cable to the corresponding wiring terminal according to the indications such as L1 (live wire), L2 (neutral wire) and GND (ground wire) on the drawing.
5. Fix the cable (A) of the clamp with pressure (B).
6. Attach two screws (C) of the clamp with pressure.



Recommended terminal type: RNYBS8-6  
Connection torque: 13-15 kgf.cm