

22KW AC Charging Station

(Wall-Mounted)



Product User Manual

Product Description

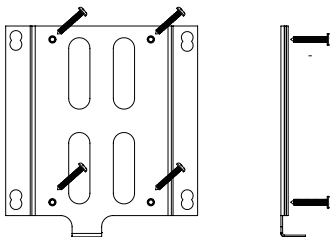
This product primarily consists of the charging station host, cables, and installation bracket components. It is an electric vehicle charging device that, when connected to a power supply, safely provides charging to electric vehicles through the charging interface. The surrounding environment and external factors (such as humidity) may affect product performance. Avoid direct contact with water and prolonged exposure to high-humidity environments. Proper measures should be taken to prevent damage caused by high moisture levels.

Product Introduction as Shown Below:

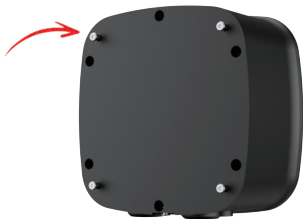


Installation Instructions (Please Read Carefully)

- 1 The product must be installed by trained personnel who are qualified to operate electrical systems.
- 2 During installation, ensure the equipment is disconnected from power, and confirm that all components are securely installed and the cables are correctly connected.
- 3 Install the product strictly following the safety instructions. Use the provided installation bracket and secure it as instructed.
- 4 Avoid installing the product in areas exposed to rain, high humidity, chemicals, or flammable materials.
- 5 After installation, double-check that all bolts and screws are securely tightened to prevent potential hazards.



1. Insert the four bolts into the corresponding holes in the installation bracket and fix them securely.



2. Fix the four screws into the charging station as shown.



3.Align the device with the metal cover on the mounting bracket and secure it with the bolts.



4.Fix another bolt from the bottom to ensure the device is firmly secured.



be careful:

- 1** Electric Meter → RCCB Circuit Breaker: Use Solid Wire RCCB Circuit Breaker → Charging Station: Use 6mm² Wire
- 2** It is recommended to purchase a residual current circuit breaker (RCCB). For the short distance from the RCCB to the charging station, 6mm² wire can be used. Use terminal blocks for connection, as flexible wires are easier to crimp than solid wires, which helps minimize the risk of overheating or damage to the charging station. For the distance from the RCCB to the power source, increase the cable size based on the actual length. For every 80 meters, increase the cable size by one standard specification to ensure voltage stability during charging

Usage Precautions

- ❶ This charger should only be used by qualified personnel for charging electric vehicles.
- ❷ The product's operating temperature range is -20°C to 50°C. Avoid usage beyond this range.
- ❸ The product is waterproof and can be used outdoors under normal conditions, but avoid using it in heavy rain.
- ❹ Before using the product, inspect the charger and cable for any damage. If damaged, stop using it immediately and contact customer support.
- ❺ Do not use the product in environments containing flammable or explosive gases to prevent safety hazards.
- ❻ If overheating, smoke, or other abnormalities occur during use, stop charging immediately and disconnect the power supply.
- ❼ Avoid pulling, twisting, or bending the charging cable excessively to prevent damage.
- ❽ Do not disassemble, modify, or repair this product on your own, as it may lead to serious safety risks.
- ❾ During installation and use, ensure the grounding wire is properly connected, particularly for outdoor usage.
- ❿ When not in use for extended periods, disconnect the charger from the power source to ensure safety.
- ⓫ Use appropriate power cables for connection. Ensure proper circuit capacity and wiring specifications are followed.
- ⓬ This product is only intended for charging electric vehicles.

Technical Parameter

Features: DLB/load balancing function, built-in integrated current sensor charging station

No.	Name	Technical Parameter
1	Design standards	IEC-61851.IS0-15118
2	Product Name	AC Charging Station
3	Rated input voltage	220-240V+20%(Single-phase) /380V+20% (Three-phase)
4	Rated power	22KW
5	Rated current	16A/32A
6	Working temperature /humidity	-30℃~+55℃/5%~95%, Relative Humidity
7	Shell material	750 °C
8	safety protection	Over-voltage, Under-voltage, Over-curent, Short Circuit, Surge and Grounding Protection
9	Protection level	IP66
10	Mechanical operation lifespan of connectors	>10000
11	Storage temperature	-40℃ to +80℃
12	Working altitude	<2000m
13	Gun line length	5m (Extendable)

Charging Operation Process

Plug-and-Charge Mode

- ➊ After the device is powered on, the green indicator light remains on.
- ➋ Insert the charging plug into the vehicle's charging port. After completing the connection, charging will start automatically. Once charging is complete, unplug the charging plug. The green indicator light will return to its default state.

Card-Swipe Mode

- ➊ After powering on the product, the green indicator light will remain on.
- ➋ Insert the charging plug, then connect the other end to the vehicle's charging port to complete the connection.
- ➌ Take the electric vehicle charging card and swipe it at the card reader on the main unit. The system will wait for vehicle authorization. Once the vehicle is authorized, charging will automatically start, and the red indicator light will remain on.
- ➍ During charging, swipe the electric vehicle charging card at the card reader on the main unit to stop charging. This will complete the charging process.
- ➎ After charging is complete, the blue indicator light will remain on.

Bluetooth Connection Mobile Function Instructions

Connection Instructions

- ➊ After the product is powered on, the green indicator light will remain on.
- ➋ Insert the charging plug into the vehicle's charging port to complete the connection process.
- ➌ Open the mobile app, click "New Device," and log in to your account.
- ➍ Go to the "Home" tab and click to register.
- ➎ Click "Add New Device," search for nearby Bluetooth devices, and select the product to connect.
- ➏ Add the charger to the app, and it will be ready for use.
- ➐ Confirm the connection is successful, and press "Start Charging" in the app to begin charging.

Mobile App Scheduling Instructions

- 1 Open the charging interface in the app, select "Scheduled Charging," and set the desired start time. Confirm the scheduling, then connect the plug and wait for the scheduled charging time to begin.
- 2 If you wish to cancel the schedule, you can tap the "Cancel Schedule" button in the app's main interface to immediately start charging.

Scheduled Charging Steps



01

Create a Scenario

Navigate to the app's interface to set up a scheduled charging scenario.



02

Set Timer

Set the desired start time for the scheduled charging session.



03

Adjust Time

Fine-tune the charging time settings based on your preferences.



04

Execute

The app will execute the scheduled charging task at the specified time.

Note:

- This product features an automatic power-off function once fully charged.
- The product can only be paired with one user account at a time. Once paired, it is bound to the user account. To pair with a different account, the product must first be unbound from the existing account.
- After successful pairing, the app will automatically connect to this product in future sessions without requiring manual operation.

Indicator Light Status Guide



indicator light:

- Green Light: Idle
- Red Light: Charging
- Flashing Red Light: Charging Completed
- Blue Light: Fault

After-Sales Service and Warranty

Warranty Conditions:

- 1 The product is covered under warranty if the user fully complies with the instructions, installation, and usage regulations provided in this manual.
- 2 The product is covered under warranty if defects or malfunctions occur during normal use within the warranty period.

Warranty Period:

The warranty is valid for 12 months from the date of purchase.

Warranty Process:

If the product has issues due to manufacturing defects or material problems, users can contact after-sales service for assistance. Repair or replacement services will be provided free of charge for manufacturing defects. However, damages caused by human error or improper use are not covered under warranty.

Important Note:

This warranty applies only to the original buyer. Disassembly or repairs by unauthorized personnel will void the warranty.

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