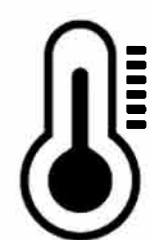


44kW Three-phase AC Charging Pile

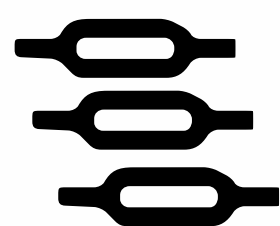
Specification(EN)



Temperature
Protection



Auto
Repair



Efficient
Charging



Protection
Level IP54



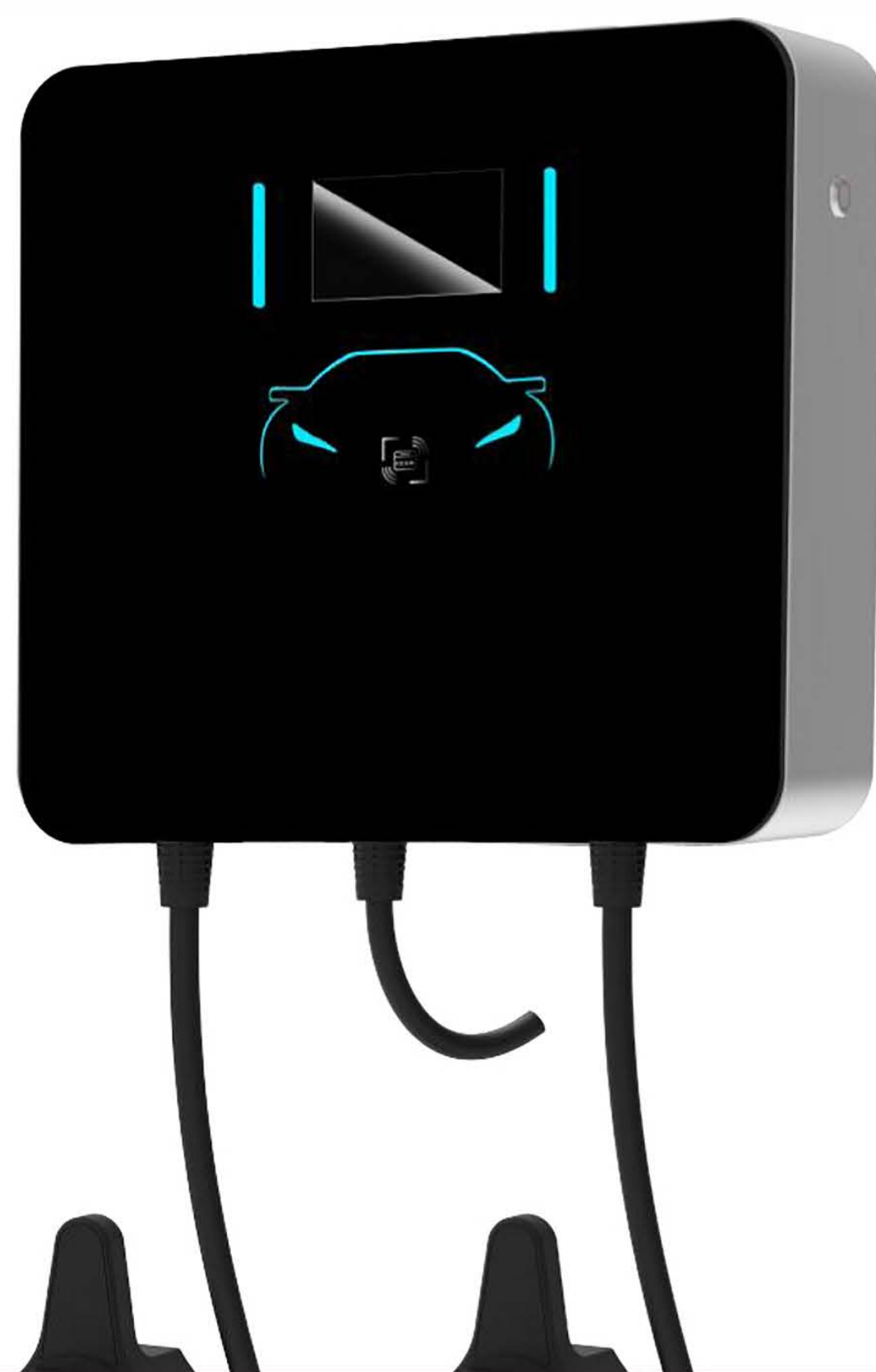
Warranty



Type B



APP
Control



CHARGING PILE

LCD screen Easy installation
High compatibility
Waterproof grade:IP54
Small size,Easy to transport
Multiple security protection
Certified by authorities
Real-time monitor on temperature

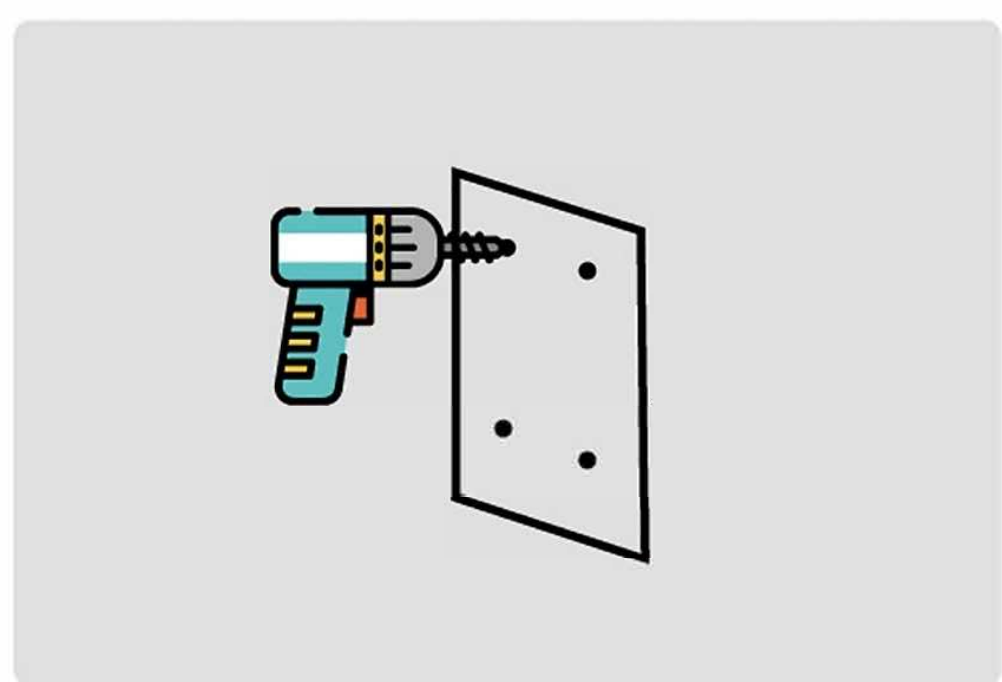
EV CONNECTOR

Built in temperature monitoring
Good conductivity
PVC CABLE
Durable and anticorrosion
Easy to bend,Long service life
High resistance to cold/high temperature

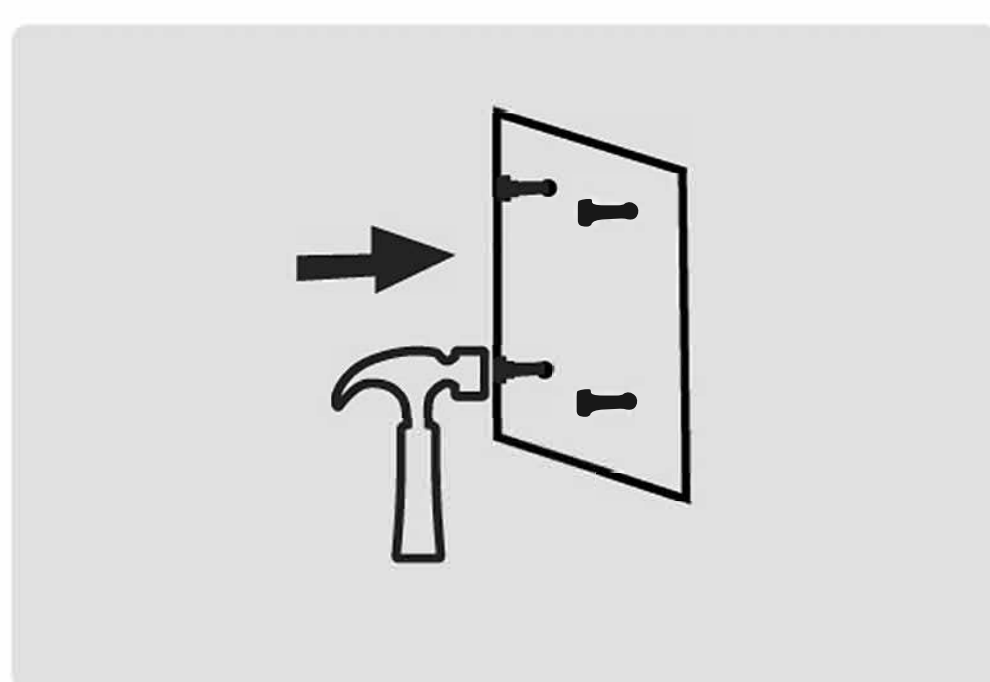
CORE ADVANTAGE

RCD:Type B
Directional current regulation
Repair the disorder of capacitor units
Full-link temperature monitoring system
Strong Expansibility

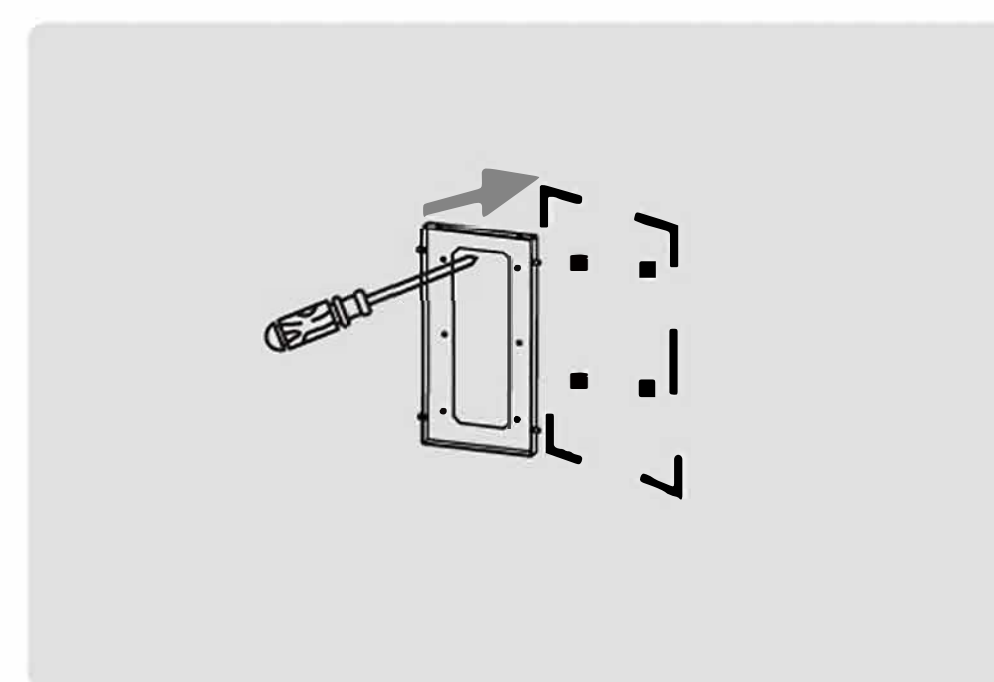
INSTALLATION ICON



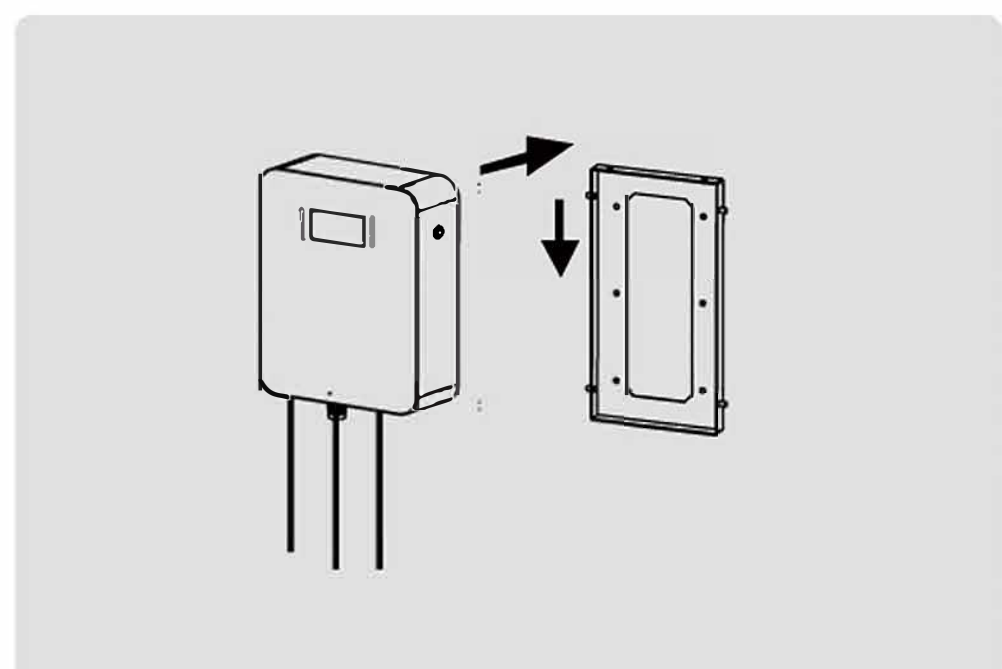
1. Drill holes using the drilling template



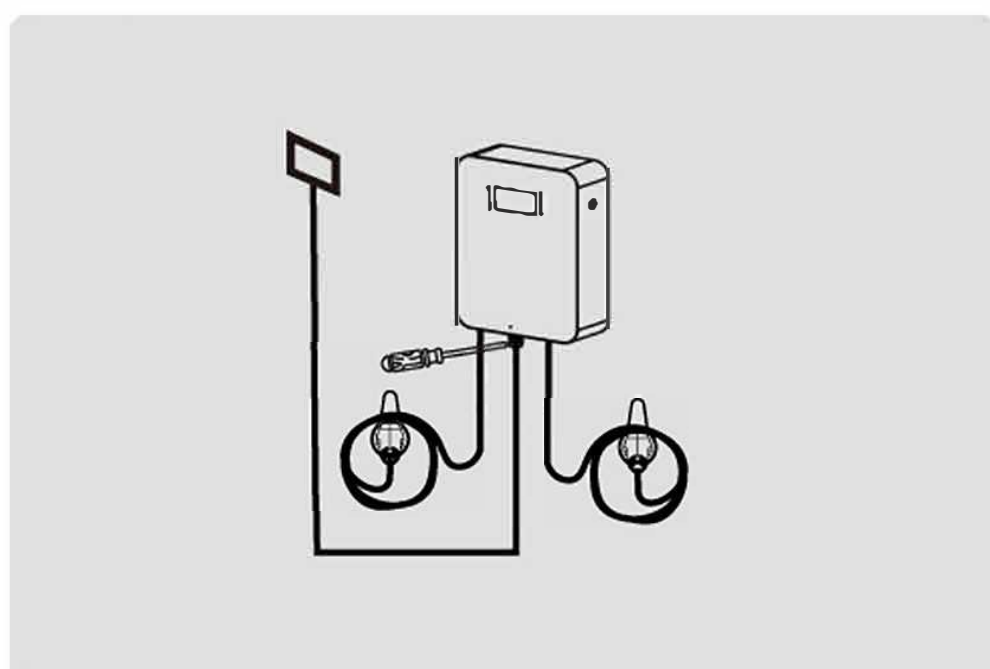
2. Hammer the M6.0 expansion tube into the wall hole



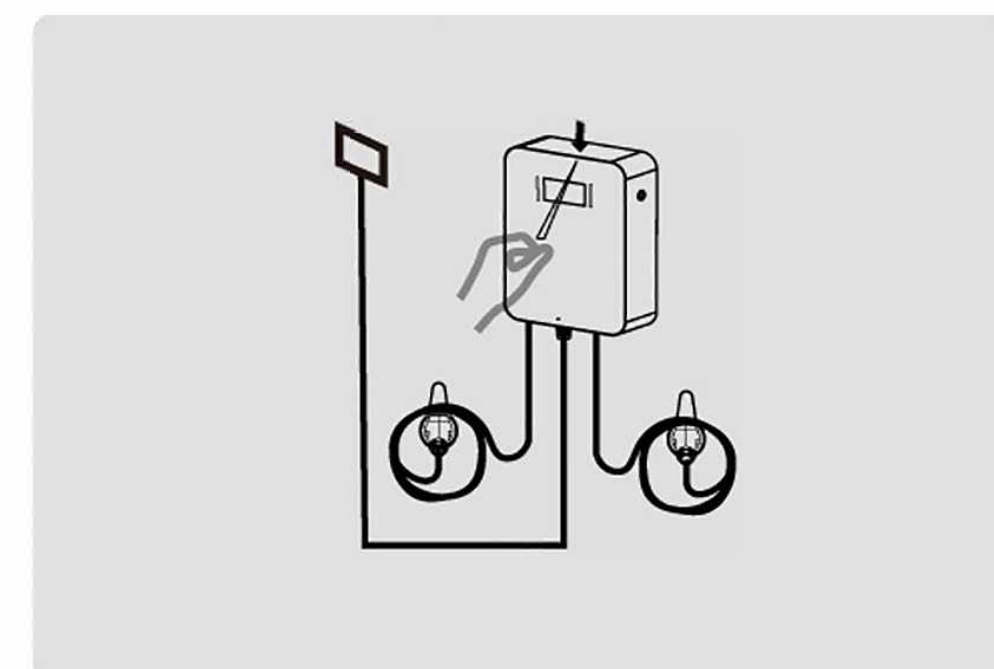
3. Use the screwdriver to fix the M4.0 self-tapping screws to the backplane on the wall



4. Install the charging pile on the backplane on the wall



5. Lock the anti-theft screw on the top of the charging pile, and place the plug seat in an appropriate place



6. After completing the above steps, the surface protective film of the charging pile can be torn off.

.....

Specification for electrical box at input • •

- The power distribution box at the input end of each AC charging pile shall be equipped with leakage air switch with rated current no less than • • • • •
- Select an adaptive molded case circuit breaker according to the current of the AC charging pile (32A required for a single AC pile).
- Power cables for AC charging piles (cables between air breakers and AC piles) must meet the rated capacity of at least 32 A single-phase power is recommended. The recommended voltage range is AC230V \pm 10% .
- 50Hz power supply, make use of 5*16mm² copper core cable; When installing AC charging piles, ensure that the PE cables are properly grounded.

Appearance of charging pile



Emergency stop



Ethernet

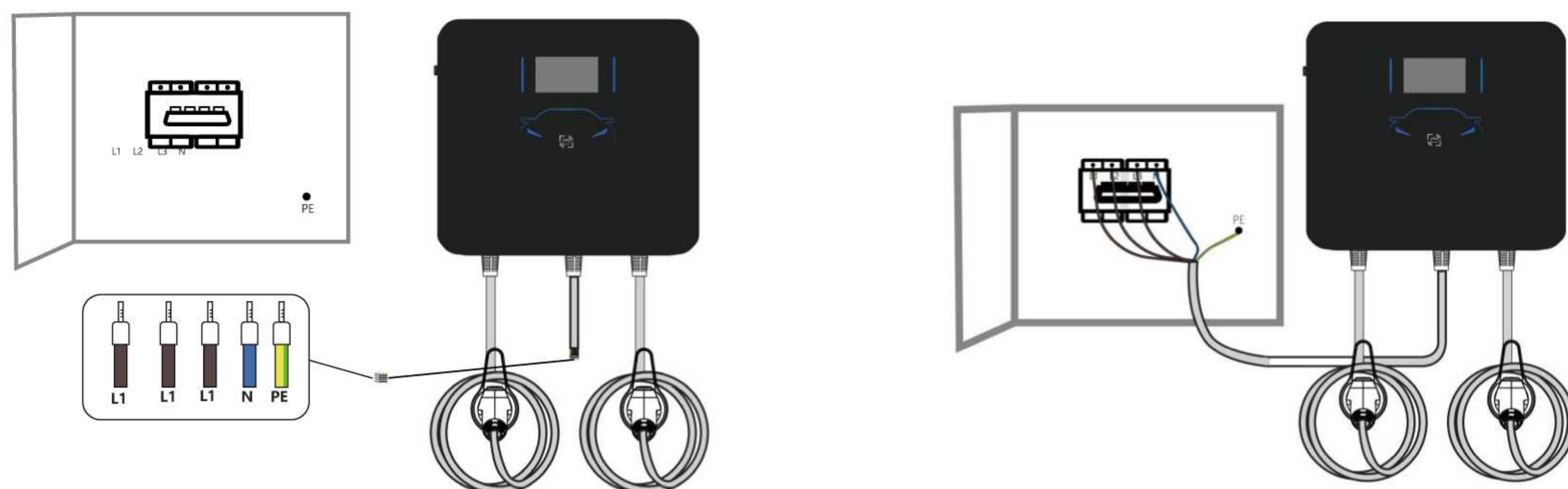


Indicator light / swipe card

STEPS FOR WIRING

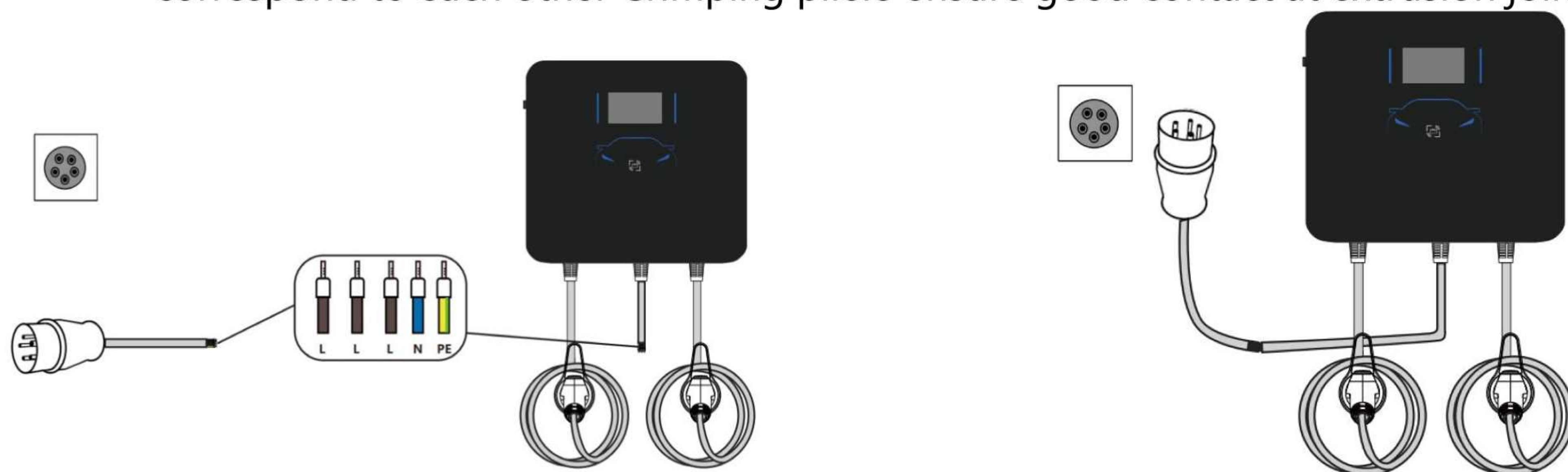
• • • • •

If a power distribution box is used, the L1, L2, L3, N, and PE ends of the input cable of the plug correspond to the L1, L2, L3, N, and PE ends of the circuit breaker respectively.

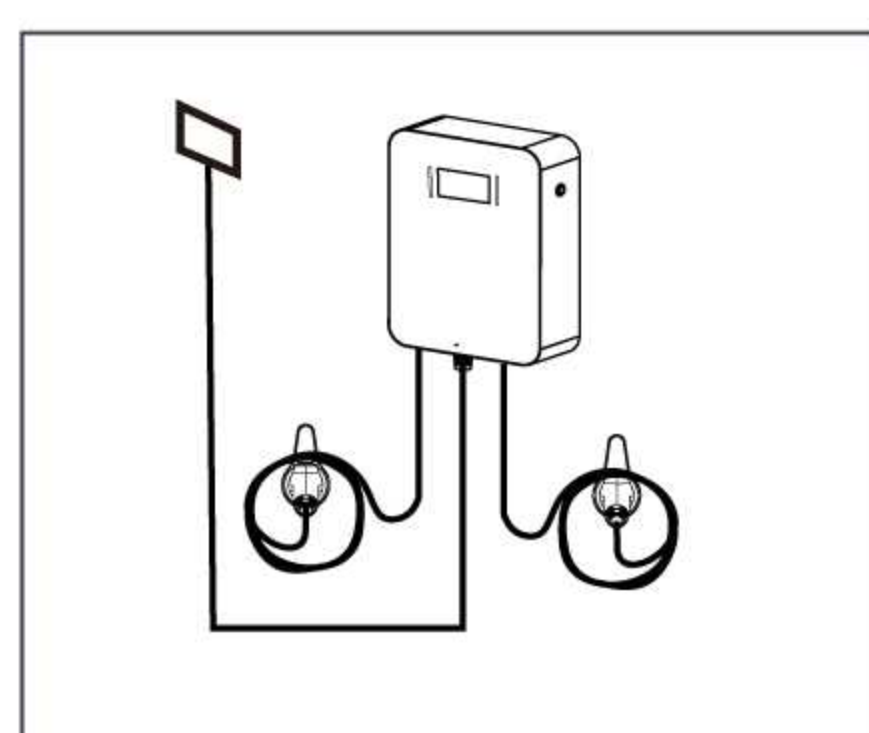


• • • • •

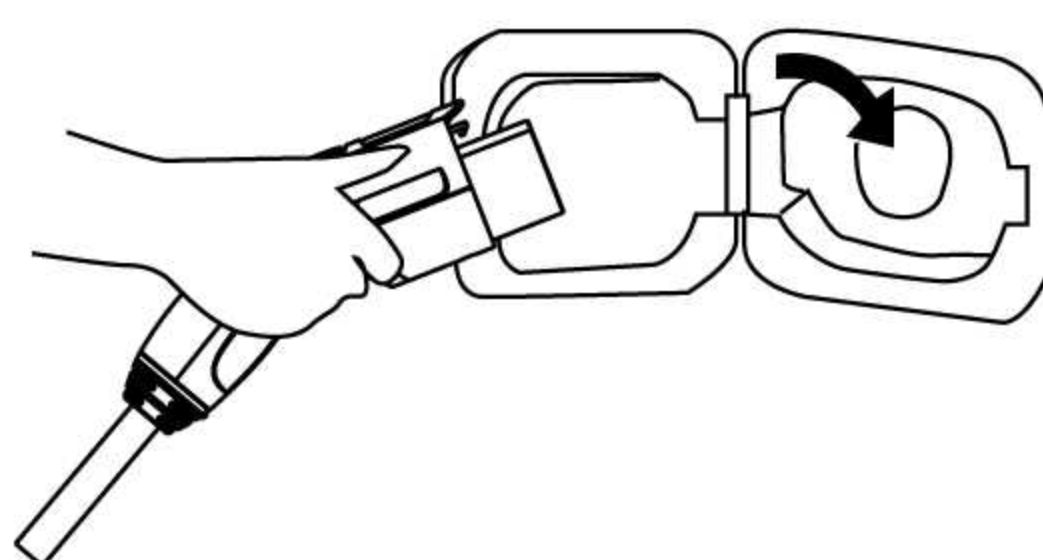
B If the joint is connected, the two ends need to be connected. Note that L1, L2, L3, N, PE correspond to each other. Crimping pliers ensure good contact at extrusion joint.



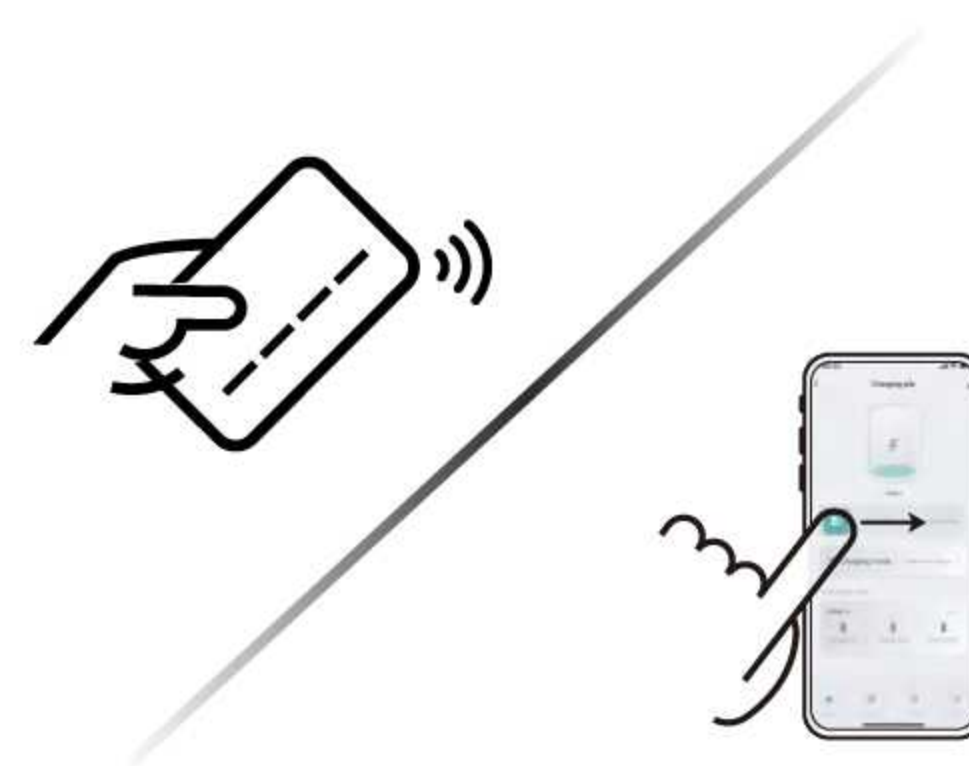
STEPS FOR USAGE



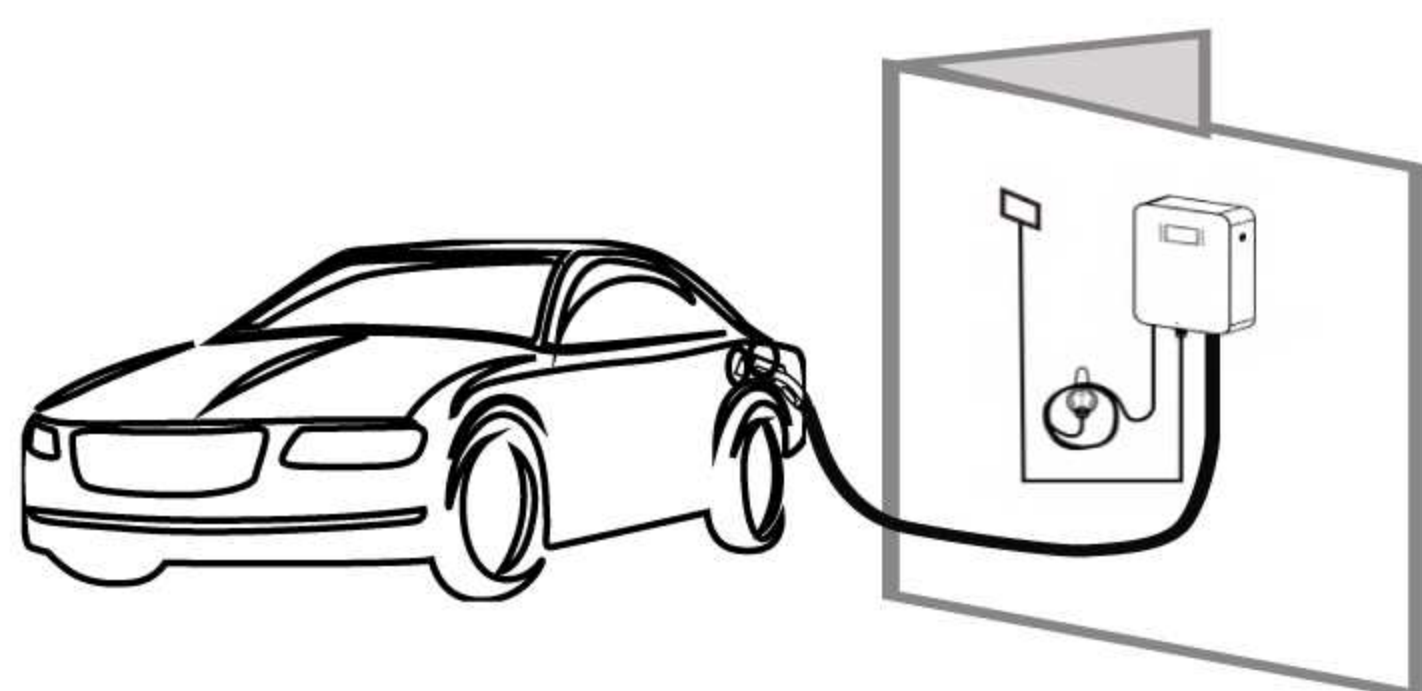
1. Make sure the charging box is connected power.



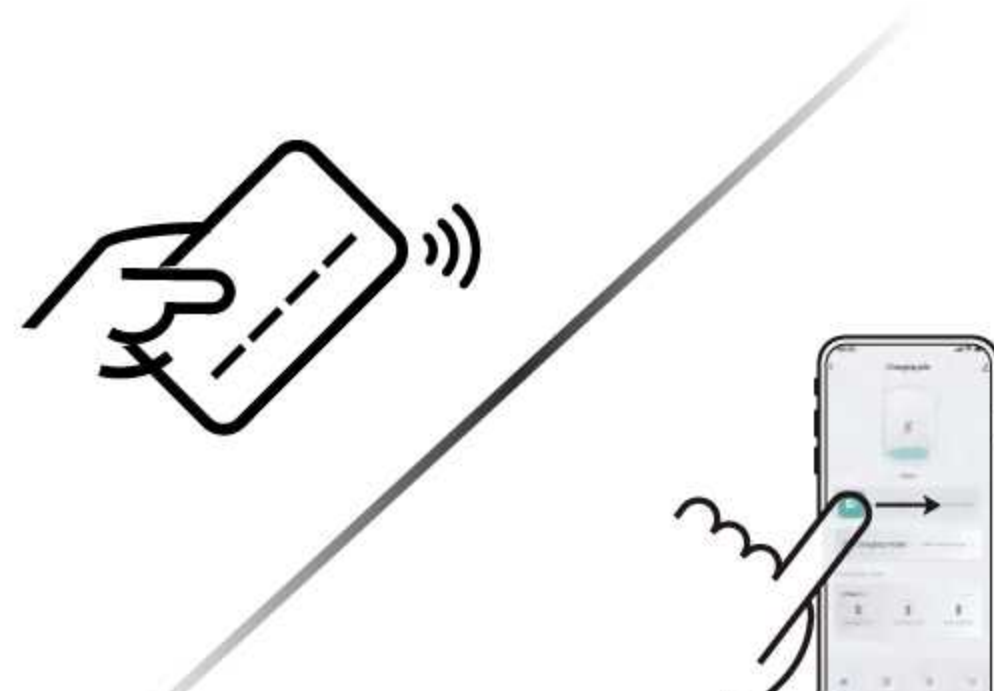
2. Connect the EV and the charging box with the EV charging cable.



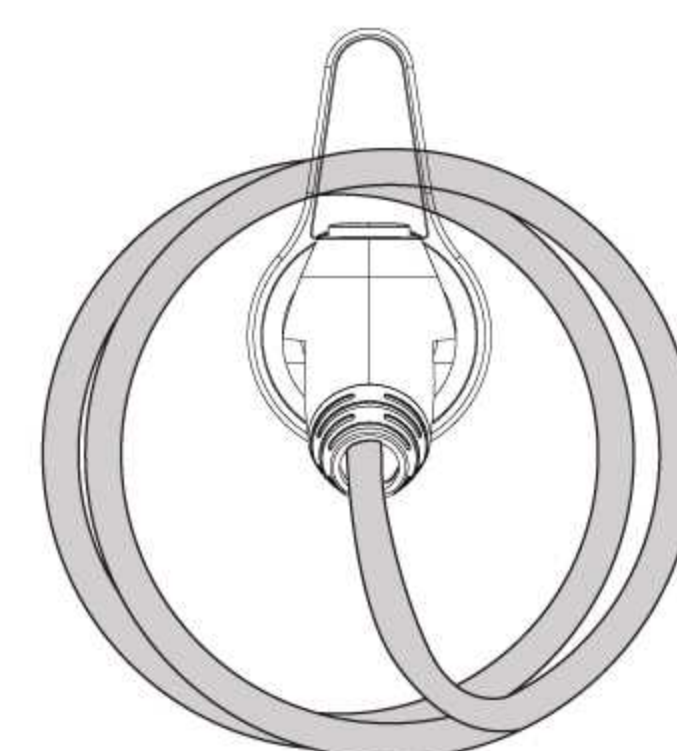
3. Use swipe card or APP to start.



4. The vehicle is charged normally.



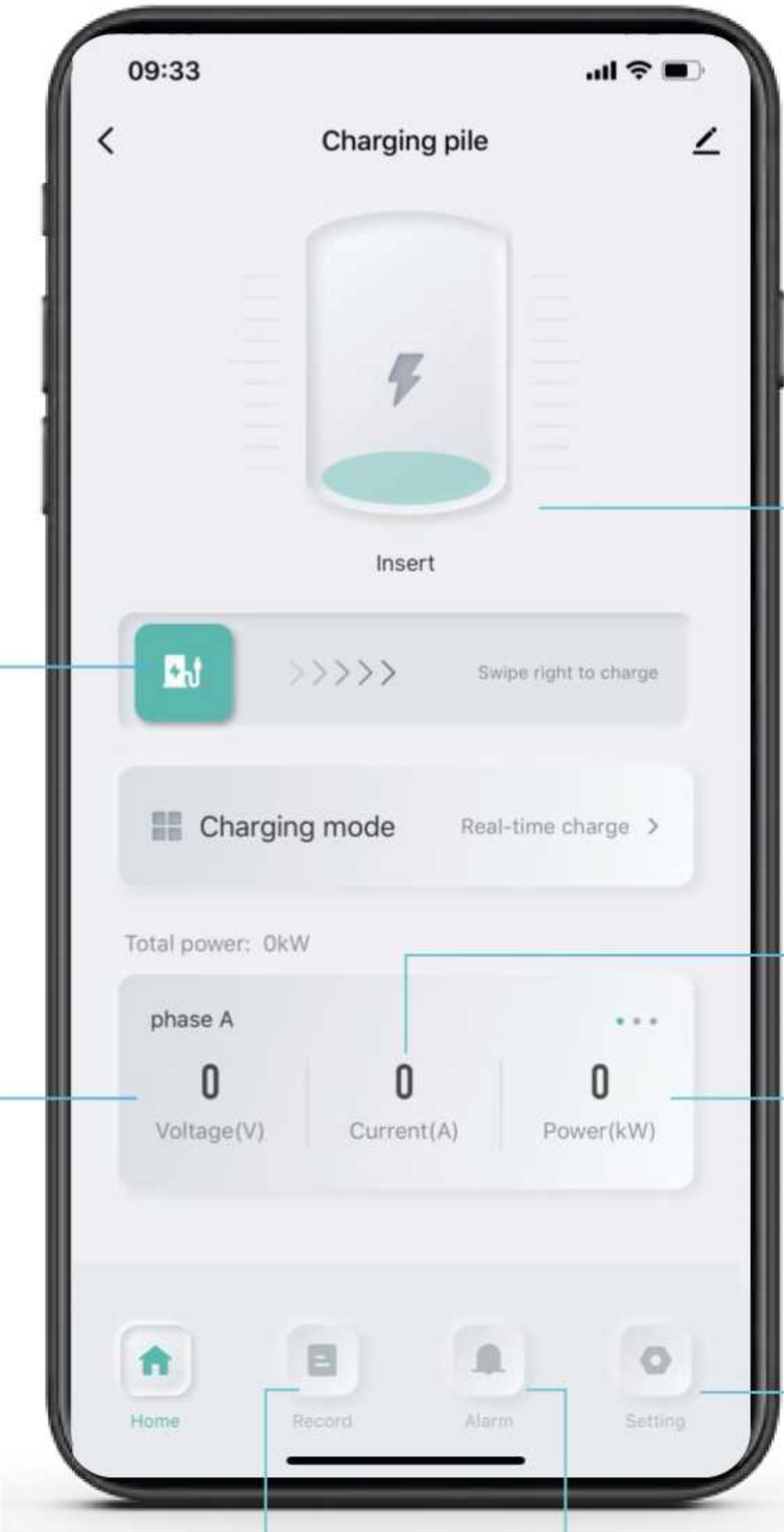
5. Click the APP or swipe the card to end.



6. Unplug the device and wrap the cable around the hook.

◆ NOTE: 1. After the vehicle is fully charged, the device will automatically Stop charging
2. Please read the instructions carefully before use

PRODUCT DESCRIPTION



Charge on/off

Charging voltage

Charging status

Charging current

Charging power

User Settings

Charge Abnormal Warning Record

Charging History



Remote control by APP
Charging can be started or stopped via Bluetooth or WIFI



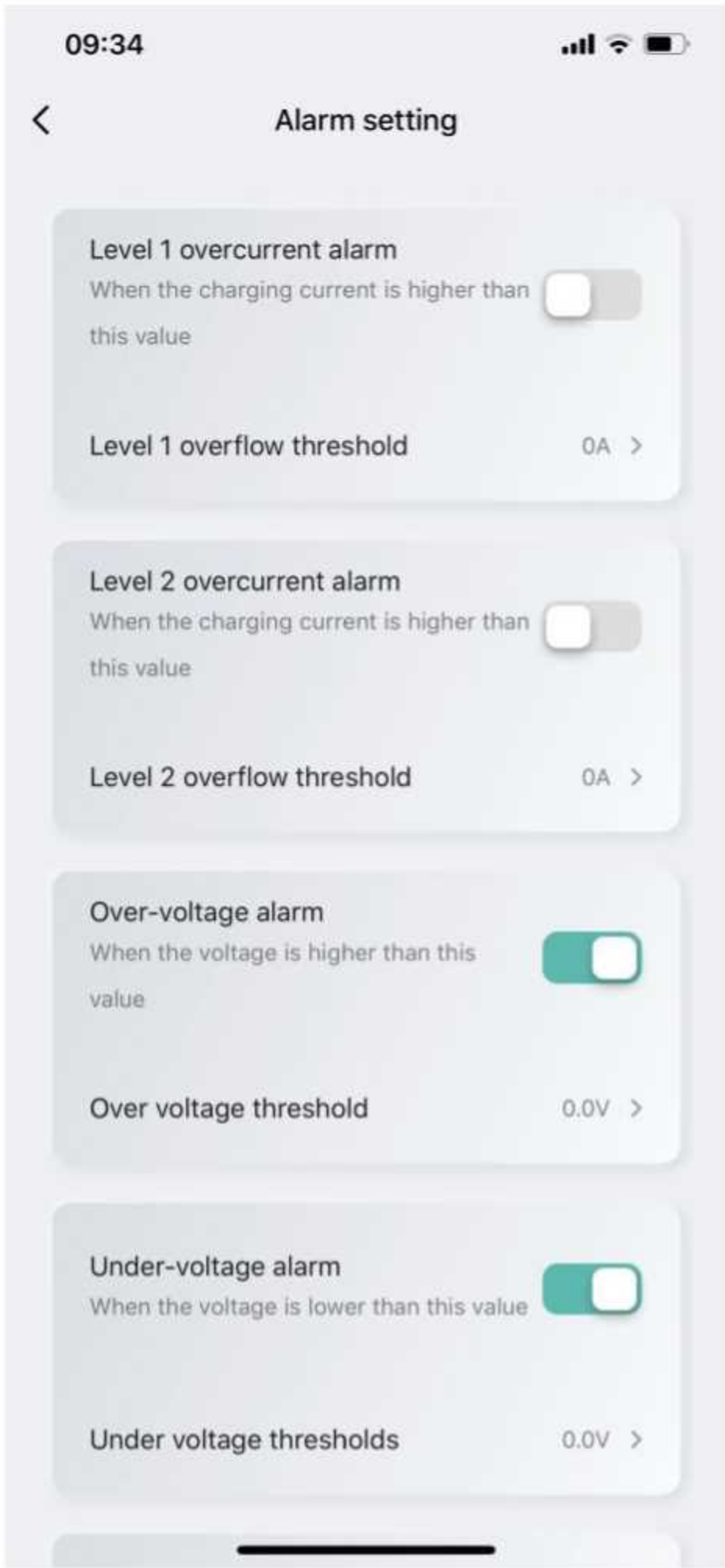
Charging History Record
Query charging history anytime, anywhere



Charging Time Setting
Freely set the charging time and duration



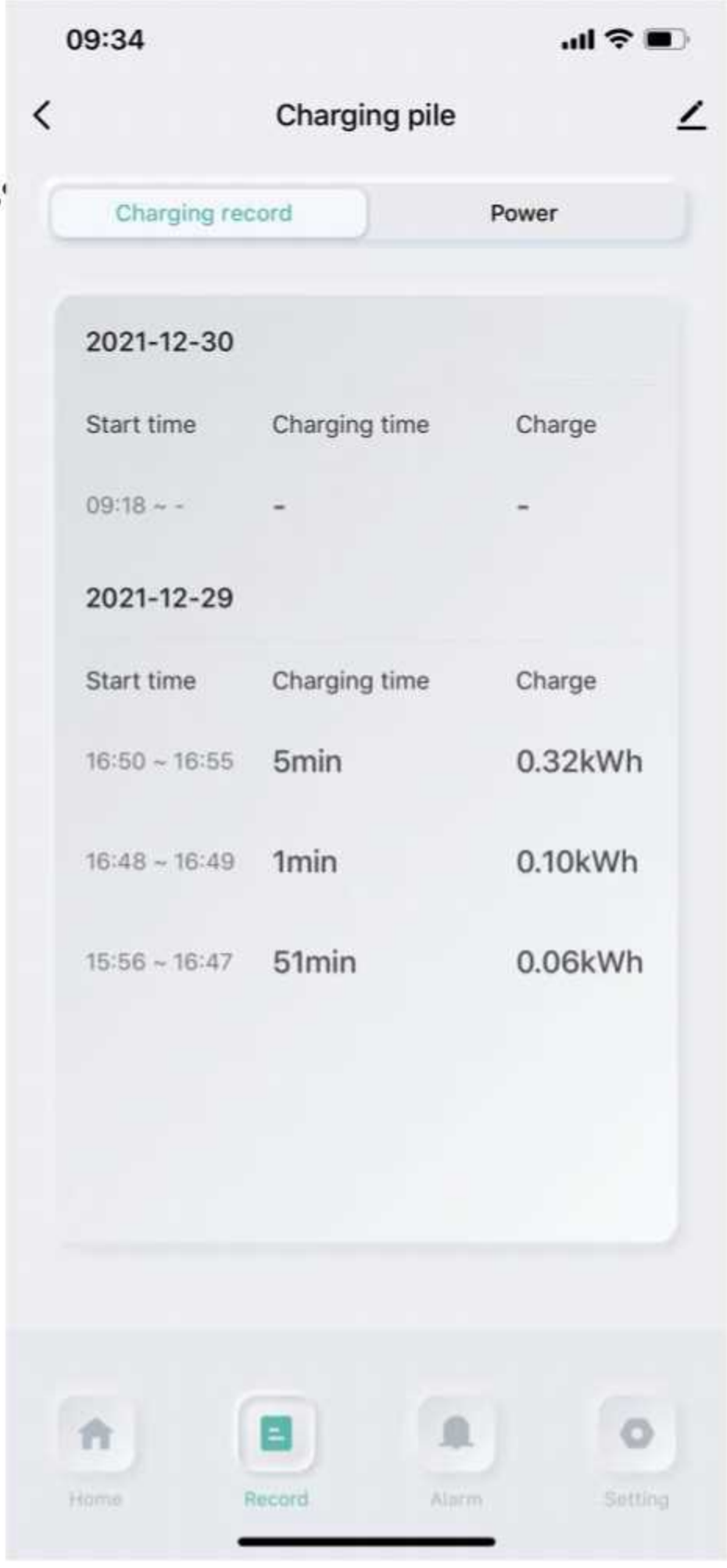
Grounding protection setting
Freely set grounding protection or not



CHARGING PARAMETER SETTINGS

Charging parameter settings could be recorded in APP and auto used for each charging. The 4 main charging parameter settings include:

1. Current setting
- 2.Over voltage protection
- 3.Under voltage protection
- 4.Grounding setting



CHARGING

Could display the charging duration and amount in each

PROTECTION



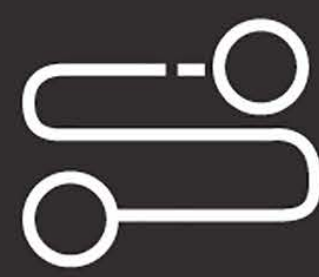
Over Voltage
Protection



Under Voltage
Protection



Over Load
Protection



Short Circuit
Protection



Earth Leakage
Protection

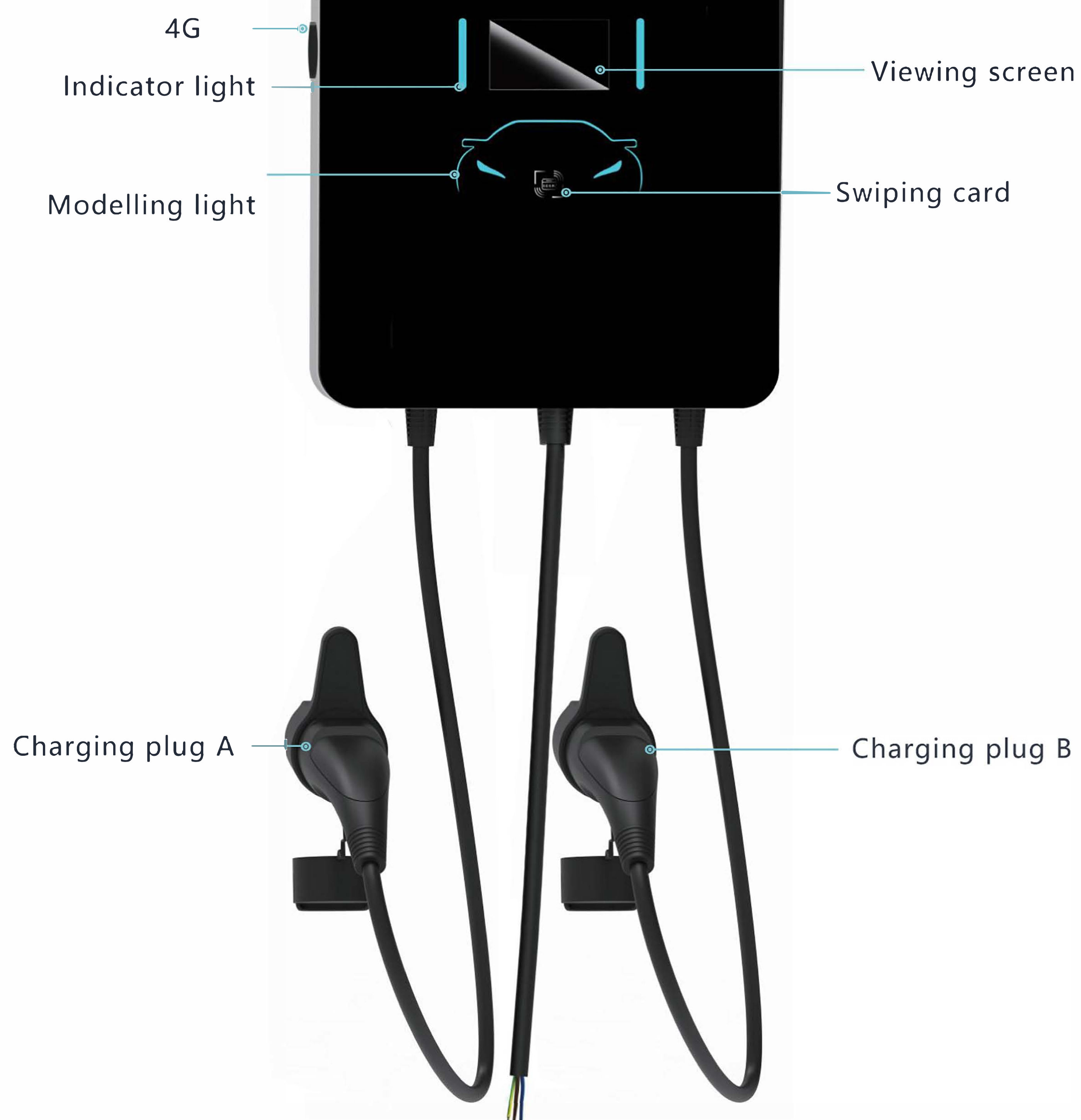


Over-temp
Protection



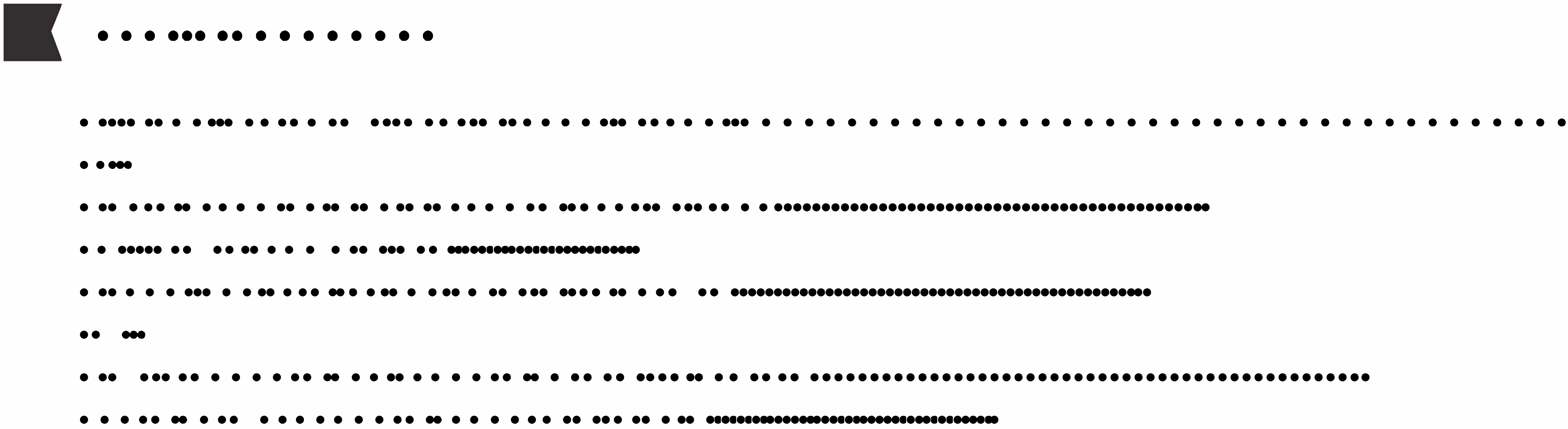
Lightning
Protection

Product overview



Product parameters

ELECTRICAL SPECIFICATION	
Rated voltage input/output	400V~ (three-phase)
Input Voltage/Output voltage	AC400V~ (L1+L2+L3+N+PE)
Input frequency	50Hz
Max. output power	44kW (three-phase)
Max. output current	32A
WORKING ENVIRONMENT	
Protection degree	IP65
Environment temperature	-25℃~ +45℃
Relative humidity	0-95%non-condensing
Maximum altitude.	< 2000m
Cooling	Natural air cooling
MOUNTING ACCESSORIES	
Wall-mounting bracket/Ground-mounting pole	Yes/Opt
Product model	SG-WB44KW
FUNCTION AND ACCESSORY	
Bluetooth	Yes
Ethernet	Yes
4G	Yes
4.3-inch color display	Yes.
Swipe Card Reader	Yes
RCD	Type B
LED Indicator light	Yes
Intelligent power adjustment	Yes
Starting mode	The app launched/Swipe the card to start
Fuselage size	450*430*120mm



PRODUCT CHARACTERISTIC



Temperature Monitoring

Monitor the working temperature of the charger at all times, Once the safe temperature is exceeded, the charger will stop working immediately, and the charging system can be auto-resumed when the temperature returns to normal.

Automatically Repair Faults

Smart chip can automatically repair common charging mistakes to ensure stable operation of the production.

Complete Certification

The product has passed all relevant certifications, ensuring that the product can be sold and used with confidence.

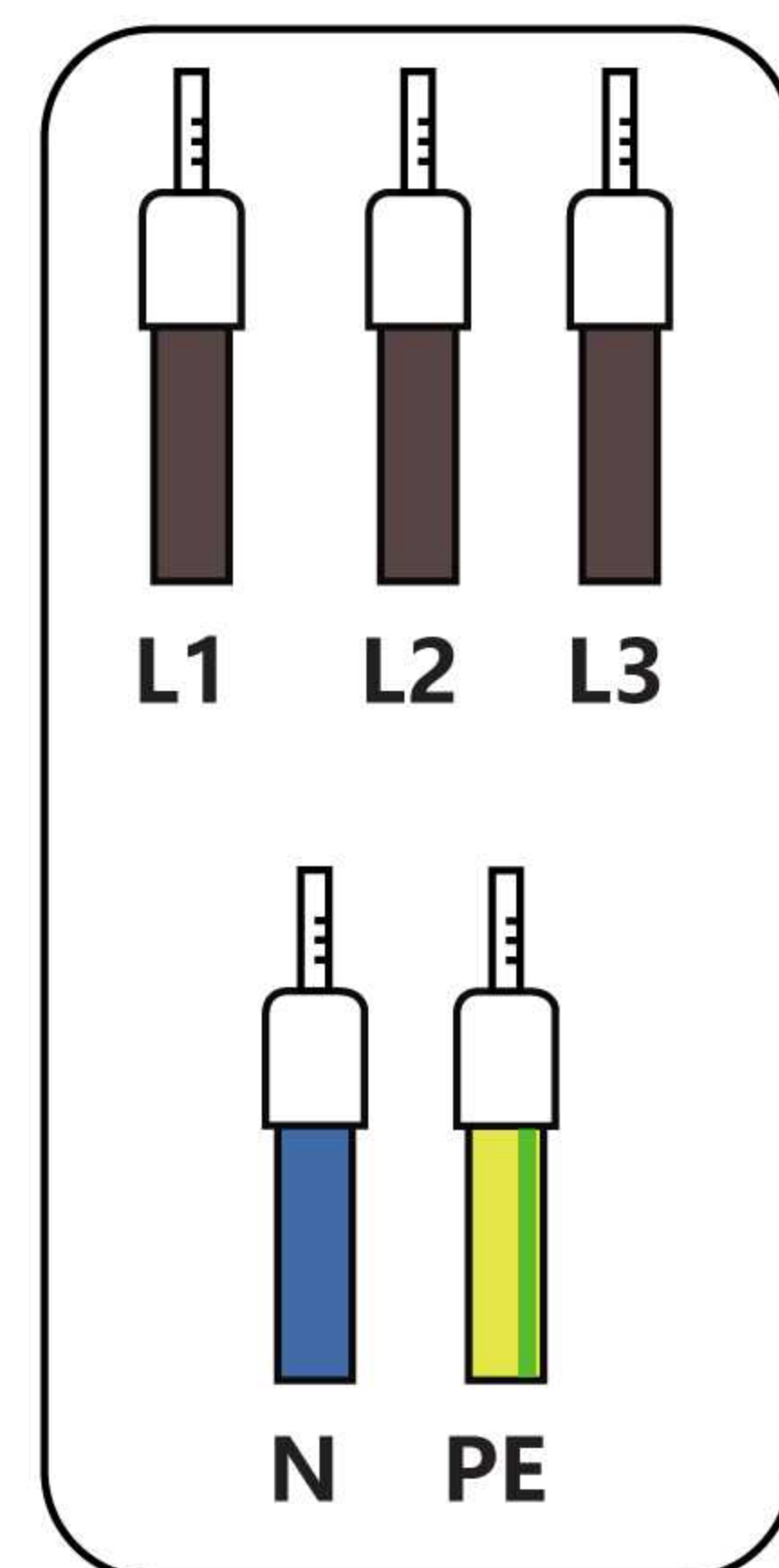
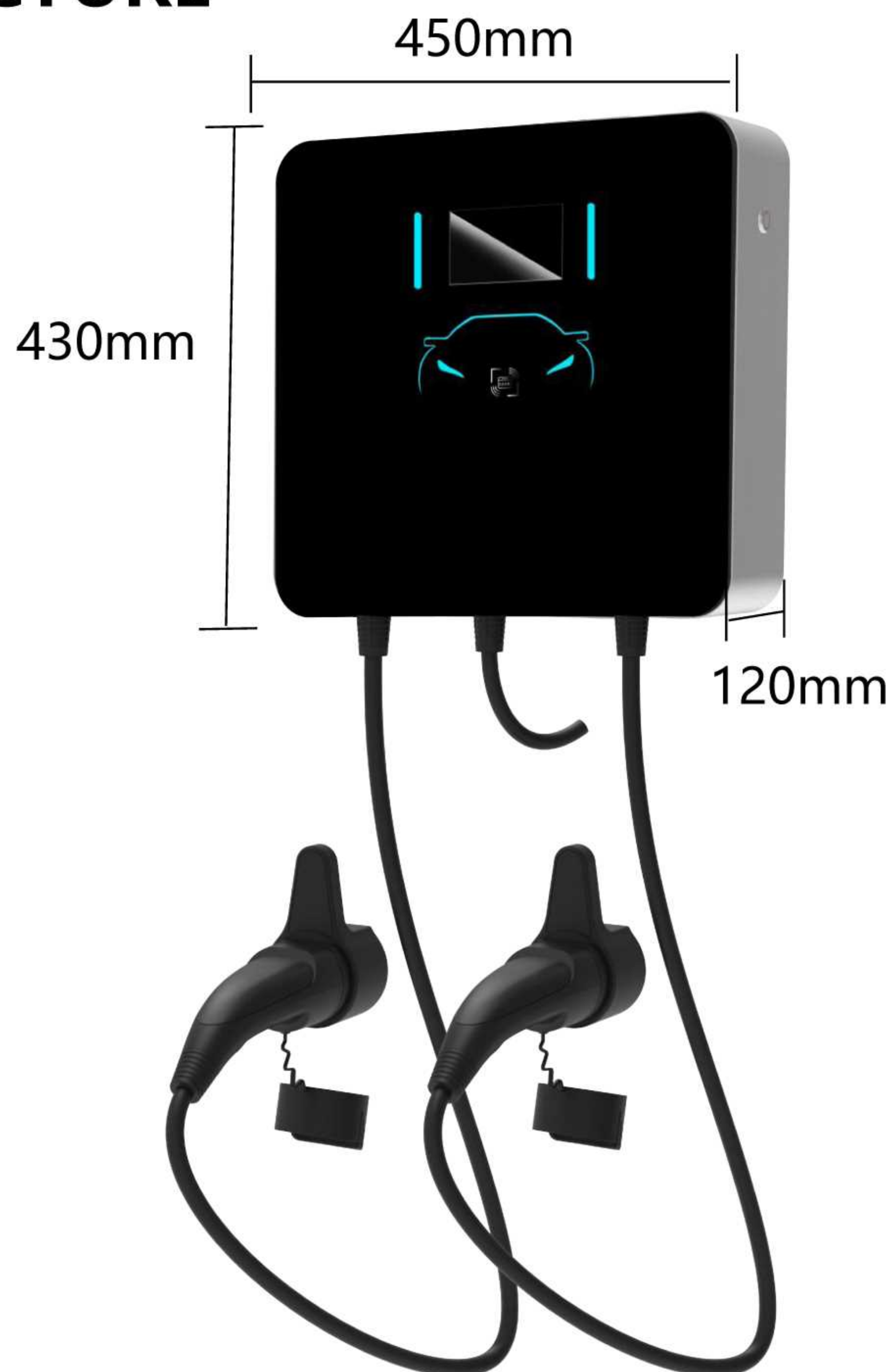
Stand

The product has a supporting stand, which is easy for installation and outdoor use without the walls.

APP control

All the charging parameters could be set and showed on the APP. It will be convenient for operation. Also the charging system will be upgrade through APP.

PRODUCT PICTURE





- IEC 61851-1:2017-02 《Electric vehicle conductive charging system-Part 1: General requirements》
- IEC 62053-21:2003 《Electricity metering equipment(a.c.)- Particular requirements-Part21:Static meters for active energy(classes 1 and 2) 》
- EN 50065-1:2001 《 Signalling on low-voltage electrical installations in the frequency range3 kHz to 148,5kHz-Part 1:General requirements,frequency bands and electromagneticdisturbances》
- EN 50557:2011 《 Requirements for automatic reclosing devices(ARDs)for circuit breakers-RCBOS-RCCBs for household and similar uses》
- IEC 60050-151:2001 《 International Electrotechnical Vocabulary- Part 151:Electrical and magnetic devices》
- IEC 60050-195:1998 《 International Electrotechnical Vocabulary-Part 195:Earthing and protection against electric shock》
- IEC 60050-441:1984 《 International Electrotechnical Vocabulary-Par 441:Switchgear,controlgear and fuses》
- IEC 60050-826:2004 《 International Electrotechnical Vocabulary-Part 826:Electrical installations》
- IEC 62196-2:2011-10 《 Plugs,socket-outlets,vehicle connectors and vehicle-Conductive charging of electric cehicles-Part2: Dimensional compatibility and interchangeability requirements for a.c.pin and contact-tube accessories》