
REGITAL AC EV CHARGER

User's Manual



WAIZIDA
Regital New Energy

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Safety Warning

1. The personnel who install and use this equipment must observe the following principles and regulations to ensure the personal and equipment safety of relevant personnel: 1. Only qualified authorized electrical professionals with relevant training are responsible for installation, commissioning and maintenance;
2. Before turning on the equipment, please ensure that the equipment is well grounded to avoid personal injury or death caused by electric shock;
3. Do not disassemble the product without permission, and do not modify or install any parts by yourself under any circumstances;
4. When the equipment is installed, please keep away from volatile gas or flammable environment;
5. Before powering on the equipment, please ensure that the input voltage and power frequency meet the technical requirements of the equipment;
6. Children should not approach or use the charging station during the charging process to avoid injury;
7. During the charging process, the vehicle is prohibited from driving and can only be charged when it is stationary;
8. Please turn off the electric car before charging;
9. In case of any abnormal situation during use, please immediately press the side emergency stop switch button to cut off the input and output current source;
10. Before the AC charging station operation, you must carefully read the safety precautions for operation and the operating instructions of the AC charging station;
11. It is strictly forbidden to use the charging station when the charging gun or the charging cable is defective, cracked, worn, cracked, and the charging cable is exposed. Please contact the staff in time if you find any.
12. If you have any questions, please contact E-mail: waizida@regital-newenergy.com

Thank you for your interest in our product. Our company focus on the charging field of new energy electric vehicles, and is committed to providing excellent charging equipment and complete charging operation solutions for customers and many well-known automobile factories. The electric vehicle charging station developed and produced by our company has advanced functions, stable performance, wide application range and strong practicability, and has a matured charging station construction and operation solution, which has a good reputation in the industry.

Please read this instruction manual carefully before using the product.



ISO9001



CE



UKCA



IEC 61851-1



MACHINE AND PRODUCT TEST

① PRODUCT PARAMETERS

• CHARGING PILE

- TFT screen Easy installation
- High compatibility
- Waterproof grade:IP65
- 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: CCID20
- Directional current regulation
- Repair the disorder of capacitor units
- Full-link temperature monitoring system
- Strong Expansibility



Transport Package

Package Size (W/H/D)	580/635/190mm
G.W./N.W.	7.3/8.7KG
Packing Quantity	1in 1 carton



WALL-MOUNT EV CHARGER		AMERICAN STANDARD	
PARAMETER	Product Name	32A AC EV Charger	48A AC EV Charger
	Item No.	EU-ACH2AX-32	EU-ACH2AX-48
INPUT	Power Input Cable	L,N,PE	L,N,PE
	Voltage Range	110V-265V	110V-265V
	Rated Current	32A	48A
OUTPUT	Rated Voltage	120V-240V	120V-240V
	Rated Current	32A	48A
	Rated Power	7KW	11KW
FUNCTION	Plug Type	Type 1	
	Cable Length	5M	
	Housing Material	PC6110 (-20℃~80℃) OR PC9330 (-60℃~80℃)	
	LED Indicator Lamp	Optional	
	Screen	4.3" TFT Screen/4.3" LCD Screen/7" TFT Touch Screen	
	RFID	Optional	
	Charging Way	AC EV Charging	
	Emergency Button	Support	
	Electronic Lock	Optional	
	License Plate Recognition	/	
COMMUNICATION	Face Recognition	/	
	Ethernet	Optional	
	RS485	Optional	
SAFETY	OCPP	Optional	
	Electricity Metering	Support, but not as basis for billing	
	RCD	CCID20	
	IP Rate	Connector IP67/ Control Box IP65	
	Safety Protection	Emergency Stop/ Over Voltage Protection/ Under Voltage Protection/Over Current Protection/ Leakage Current Protection/ Ground Protection/Over Temperature Protection/ Short-circuit Protection/ Lightning Protection	
	Safety Standard	UL2231-1,UL2231-1-2,UL2594 CSA C22.2#281.2:2021 Ed.1+U1,U2,U3,CSA C22.2#280 FCC Part 15.247&15.249	
	Certification	In Processing	
INSTALLATION	Warranty	One Year	
	Installing Type	Wall Mount/ Pillar Style	
	Working Temperature	-20℃-50℃	
	Working Humidity	5%-95%	
	Dimension	360/250/115mm	
	Net Weight	7.3KG	
CHARGER GUN	Gross Weight	8.7KG	
	Connection Type	Case C/ Mode 3	

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.

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.



PROTECTION



Over Voltage
Protection



Under Voltage
Protection



Over Load
Protection



Short Circuit
Protection



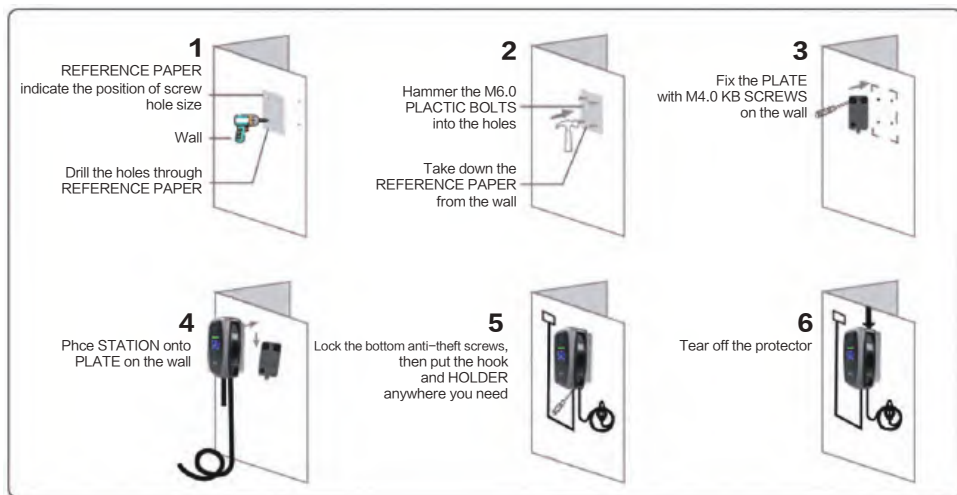
Earth Leakage
Protection



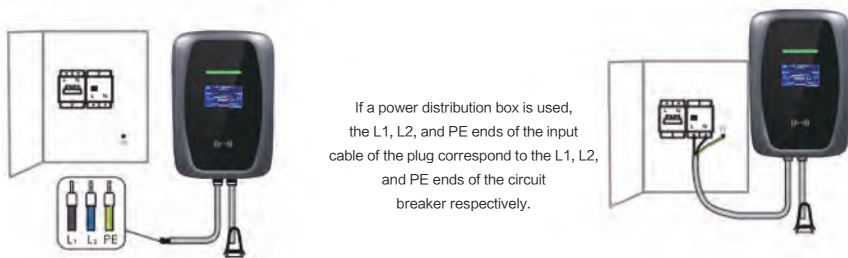
Over-temp
Protection



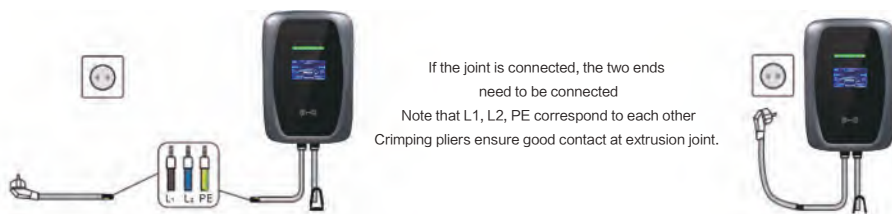
Lightning
Protection



PLAN A



PLAN B

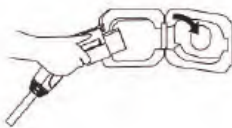


⑤

STEPS FOR USAGE



1. Make sure the charging box is connected power.



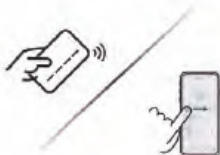
2. Connect the EV and the charging box with the EV charging cable.



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

⑥

ABOUT CUSTOMIZATION



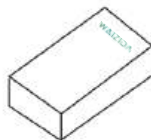
LOGO in the Display



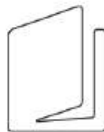
Product Nameplate LOGO



Colour Custaized



Packing Box Sticker Customization



Manual Customization

- **NOTE:** The above customization has quantity requirements, please confirm with sales staff for details.

FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



<https://www.regital-newenergy.com>

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