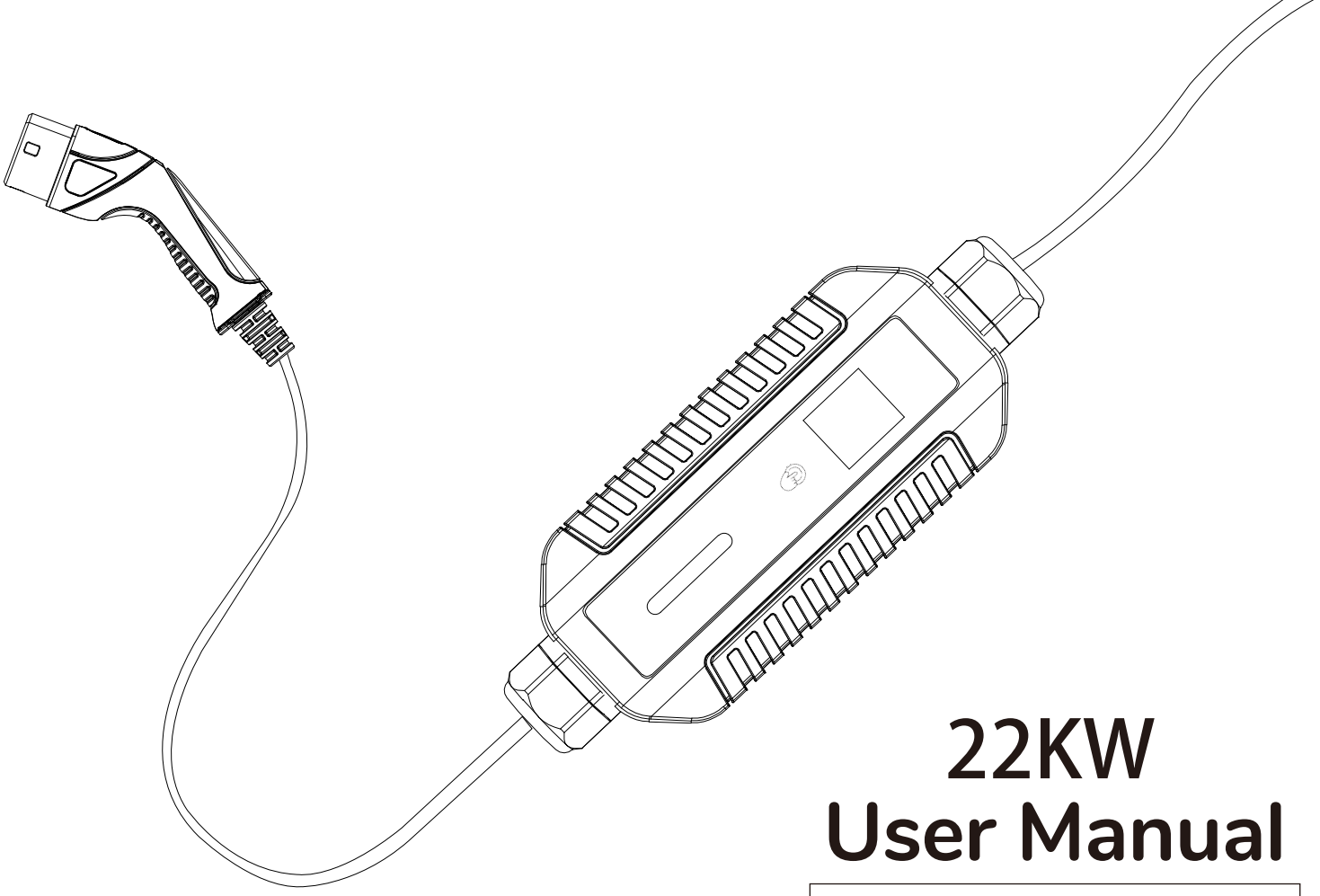


22KW
User Manual

EV Portable Charger

Important:

Read this User Manual before you start using the device!
Failure to comply with these instructions may result in injury, damage to the device, harm to the environment, or other serious issues. Keep this User Manual in a safe place together with the charging equipment.

Safety Information

⚠ Use the EV portable charger only within the specified operating parameters.

⚠ The EV portable charger must be used in the design-specified socket, and the socket outlet is fixed. Do not use the extension line.

⚠ Do not connect the EV portable charger to a power outlet that is not properly grounded.

⚠ Do not use the EV portable charger's adapters in any outlet for which they are not designed.

⚠ Do not attempt to open, disassemble, repair, tamper with, or modify the mobile connector. The connector is not user serviceable.

⚠ Do not use (or discontinue using) the EV portable charger if it is defective, appears cracked, frayed, broken, damaged, or fails to operate.

⚠ Do not disconnect the EV portable charger from the wall outlet when the vehicle is charging.

⚠ Do not plug the EV portable charger into a damaged, loose or worn power outlet. Ensure that the prongs on the EV portable charger fit snugly into the outlet.

⚠ Do not use the EV portable charger when either you, the vehicle, or the EV portable charger is exposed to severe rain, snow, electrical storm, or other inclement weather.

⚠ Do not immerse the charging equipment in water, and do not directly expose it to water spray (eg. from high-pressure cleaners or garden hoses).

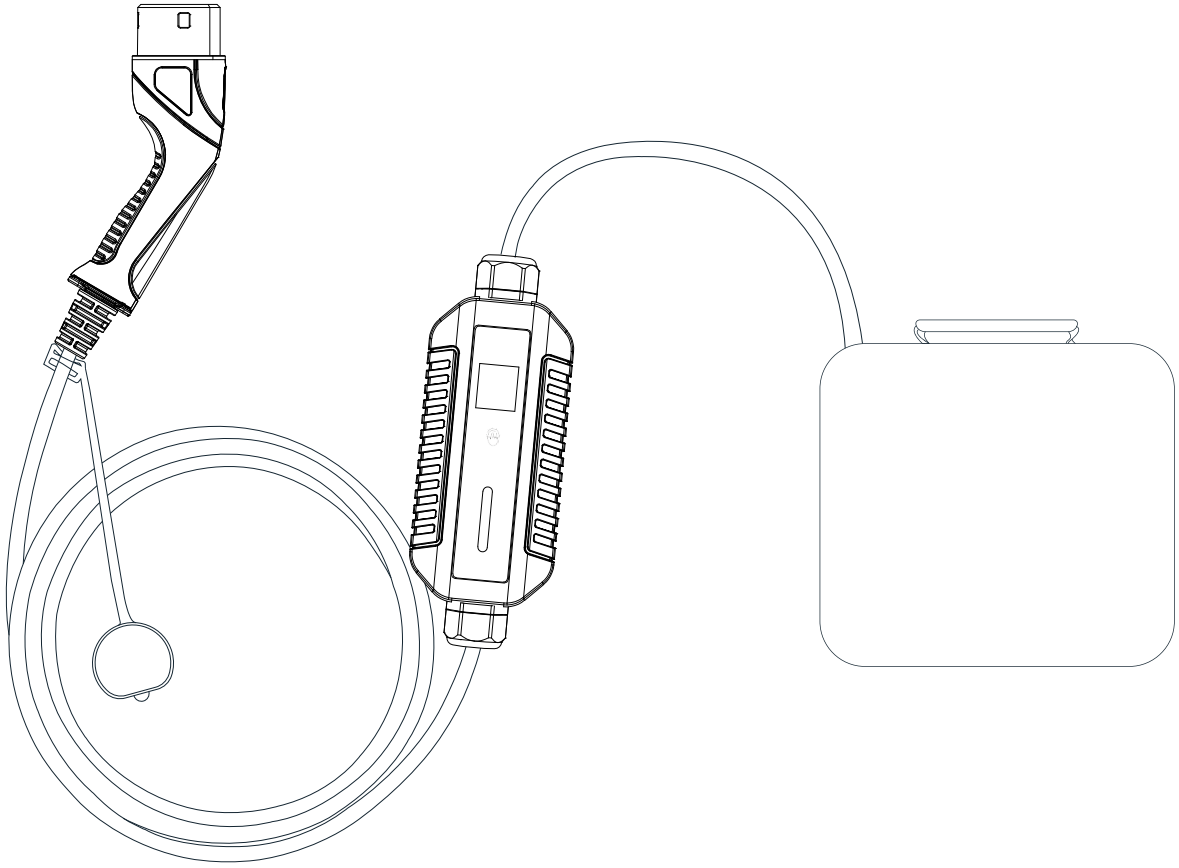
⚠ Do not touch the EV portable charger's end terminals with sharp metallic objects, such as wire, tools, or needles. Do not forcefully fold any part of the EV portable charger or damage it with sharp objects. Do not insert foreign objects into any part of the EV portable charger.

⚠ Protect the EV portable charger from moisture, water, and foreign objects at all times. If any exist or appear to have corroded or damaged the EV portable charger, do not use the EV portable charger.

⚠ Clean the EV portable charger only when it is completely disconnected from the power grid and the vehicle. Use a cloth included for cleaning, afterward carefully dry off all parts.

⚠ Do not let children play with the packaging material or the charging equipment.

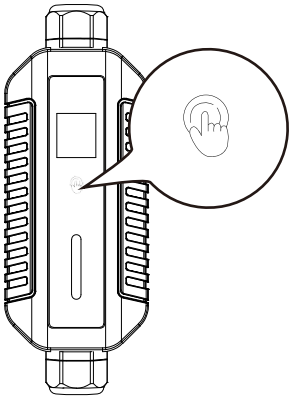
Product Diagram



Specifications

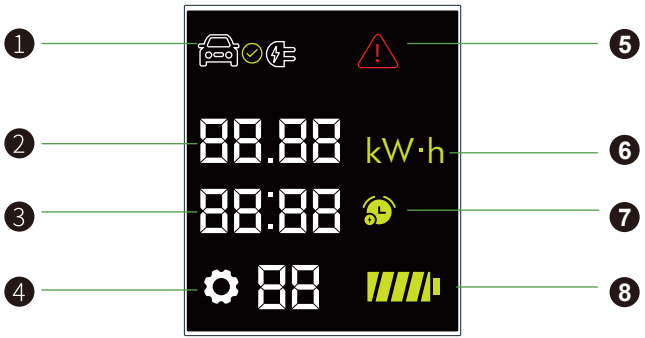
Working power	400V±10%, 50Hz±2%
Scenes	Indoor/Outdoor
Altitude (m)	≤2000
IP	IP66
Button	Current switching, cycle display, appointment delay rated charging
Current Switching	It can meet 32A three-phase AC charging, and the current can be switched between 8A, 10A,13A,16A,20A,24A,32A.
Working temperature	-25~50℃
Storage temperature	-40~80℃
Environment humidity	<93<>%RH±3%RH
External magnetic field	Earth's magnetic field,Not exceeding five times the earth's magnetic field in any direction
Sinusoidal wave distortion	Not exceeding 5 %
Protect	Over-current 1.125In, over-voltage and under-voltage ±15%, over temperature ≥ 70°C, reduce to 6A to charge, and stop charging when >75°C
Leakage Protection	Type B ,AC 30mA + DC6mA
Temperature Check	1. Input plug cable temperature detection 2. Relay or internal temperature detection
Ungrounded protection	Button switch judgment allows ungrounded charging, or PE is not connected fault
Welding alarm	Yes, the relay fails after welding and inhibits charging
Relay Control	Relay open and close
LED	Power, charging, fault three-color LED indicator

Setup Instructions



- Adjust Current: Touch " " for 2 seconds until all the green LEDs flash,and click to choose the current, select between 6A to 32A.
- Delay Charging Time: Click " " to set the delay charging time from 0 to 5 hours (each click adds 0.5 hour).
- Metering Reset: Long press " " the button for more than 5 seconds to reset the accumulated charging power.

LCD Screen Information



1. EV and Power Connection
2. Power Charged
3. Time or Delay Charging
4. Current (Selected)
5. Fault Alarm
6. Unit of Power
7. Delay Charging Icon
8. Charging Cycle Display

LED Display Status

LED1: Red, faulted indication
LED2: Green1, status indicator, Connection and Current Indication
LED3: Green2, status indicator, Connection and Current Indication
LED4: Green3, status indicator, Connection and Current Indication

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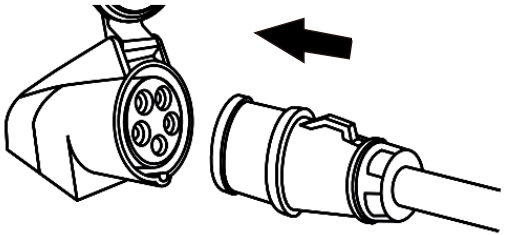
State	LED Display Status			
	RED	Green（1）	Green（2）	Green（3）
Power On Available	⊘	Current indication		
		6A	●	⊘	⊘
		10A	⊘	●	⊘
		13A	⊘	⊘	●
		16A	●	●	⊘
		20A	●	⊘	●
		24A	⊘	●	●
		32A	●	●	●
Connected	⊘	Blink	Blink	Blink
Reserved	⊘	Blink	⊘	⊘
Charging	⊘	Cycle light		
Finishing	⊘	●	●	●
Faulted	Blink x time	⊘	⊘	⊘

How to use

Step 1: Connect the EV portable charger plug to the appropriate power socket.



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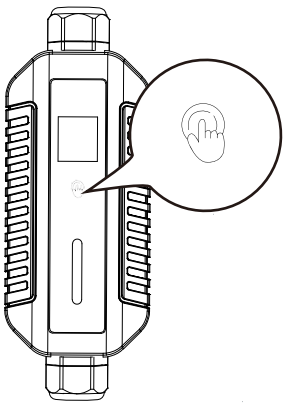
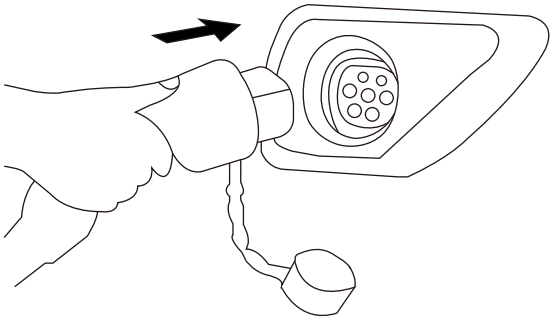
Step 2: Select the current and delay charging time according to your demands.

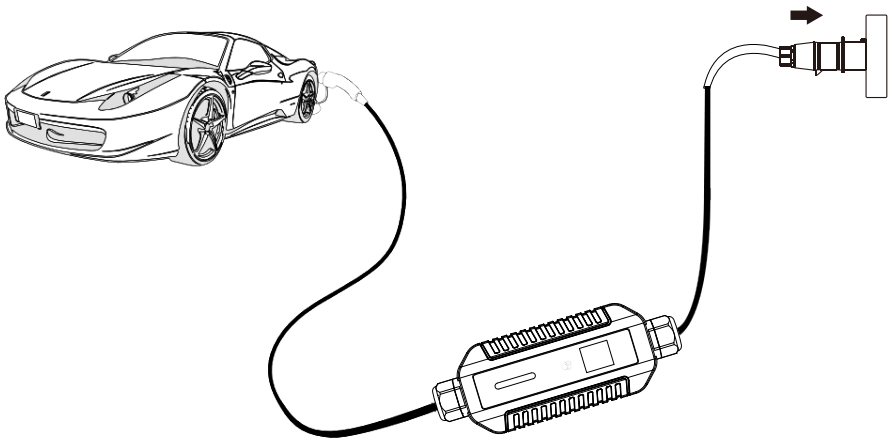


How to use

Step 3: Connect the portable charger cable to your EV to start charging.

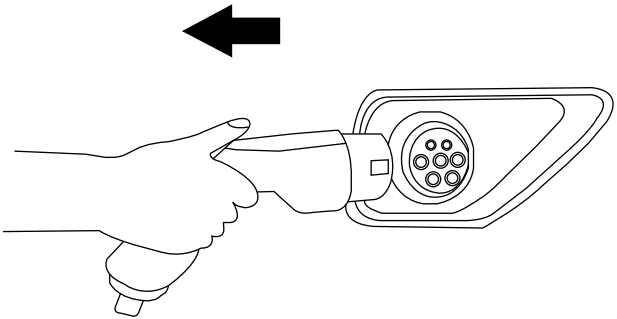


Step 4: Check the display to make sure charger goes on normally.

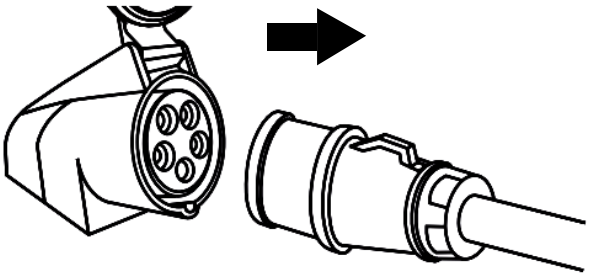


How to use

Step 5: Remove the plug from the socket when charging finishes.



Step 6: Unplug the power plug from the outlet on the wall,store it in the storage bag for convenient use.



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Error Code and Troubleshooting

If there is a fault, the charger will stop outputting and not charging. Start charging again after checking and clearing the fault.

LED status	Reason	LCD Error Code	Solutions
Flash 1 times	RCD leakage protection	01	Power off and check the electric car and charger
Flash 2 times	Over current	02	Power off and check the electric car
Flash 3 times	Ground(PE) Disconnect	03	Power off and check the distribution grid
Flash 4 times	Over voltage/Under voltage	04	Power off and check the distribution grid
Flash 5 times	Welding Fault	05	Please contact the manufacturer
Flash 6 times	CP voltage error	06	Check if the connector is tight
Flash 7 times	Over temperature	07	Check shell heat dissipation
Flash 8 times	Diode loss	08	Check EV CP diodes
Adjust Current:	Touch " " for 2 seconds until all the green LEDs flash,and click to choose the current, select between 6A to 32A.		
Delay Charging Time:	Click " " to set the delay charging time from 0 to 5 hours (each click adds 0.5 hour).		
Standard: IEC62196-2IEC62752			

Real-time monitoring has welding detection, temperature detection, PE connection detection, overvoltage detection, over-current detection, and CP voltage, any failure will be displayed according to the above table.

Maintenance and Cleaning

Cleaning

- Disconnect the EV Portable Charger from the power socket and the vehicle.
- Only clean the outside of the device. Use a soft, slightly damp, or antistatic cloth.
- Do not use any detergents or chemical agents to clean the device.

Maintenance

- The connectors are sensitive, high-performance parts, and their contacts must always be kept clean and dry. Corrosion on the contacts can lead to impaired function, overheating, or defects in the device.
- If plugs get wet, allow them to dry before using them. Always fit the equipment with the protective caps when not plugged in.

Repairs/Modifications

- Any repairs and/or modifications may only be performed by the manufacturer. Never open the housing, and do not make any changes to the EV charger and control box in any way by yourself.

Symbol Explanation (in this User Manual and/or on the charging equipment)

By using the CE marking, the manufacturer or distributor declares that the product meets all applicable European regulations and standards (Declaration of Conformity of the European Community).

This symbol indicates the lowest possible temperature in °C at which the device may be operated.

This device and the manufacturing plants where it is produced have been inspected and approved by TÜV Rheinland. The certificate verifies the complete fulfillment of the standards on which the product is based.

This symbol indicates that this product's protection rating meets the requirements of Protection Class IP66. This means that it is protected against dust in harmful quantities and temporary submersion in water.

This product meets the requirements of Protection Class I in accordance with IEC Standard 61140.

Products marked with this symbol meet the requirements of the EU Directives restricting the use of certain hazardous substances in electrical and electronic equipment.

Symbol Explanation (in this User Manual and/or on the charging equipment)

Danger of electrical shock from hazardous voltage if used improperly.

The surface of the charging equipment can become very hot if exposed to direct sunlight.

This symbol indicates general danger or hazard. Read the User Manual to familiarize yourself with the charging equipment.

The charging equipment is suitable for operation up to an elevation of 3,000 meters above sea level.

This symbol indicates that the earth conductor is fixed and permanently connected.

Climate Pledge Friendly is the trusted third-party certifications highlight products that meet sustainability standards and help preserve the natural world.

Waste disposal and recycling

Please sort your waste!

Please do not dispose of this appliance in your standard household waste. European Directive 2012/19/EU applies to this appliance. Have your device disposed of by an authorized waste disposal and recycling firm and your local waste management authority. Please note the relevant regulations. In case of doubt, please contact your waste disposal facility.

Recycling

Recyclable goods: Separate the packaging and electrical device by material type for disposal. Place all paperboard and corrugated fibreboard in paper recycling, foils, and films with a waste materials collection center, and have the electronic components properly disposed of by a specialist electrical retailer or a local recycling center.