

Usage Manual



Portable EV Charger User Manual

WARNINGS

Before Use

- Please check the specifications of your electric vehicle to ensure compatibility.
- Please completely untie the wires before charging.
- Please check if there is any damage before using it.



Please read this document before using the charger. Failure to follow the instructions or warnings described in this document may result in fire, electric shock, serious injury.

- ▶ The portable charger is only designed for charging electric vehicles that conform to the IEC 62196 and IEC 62752 standard. Do not use it for other purposes or objects.
- ▶ The portable charger is only intended for vehicles that do not require ventilation during charging.
- ▶ Before connecting the charger to the outlet, make sure that it is rated for an adequate current load and is not damaged.

WARNINGS



- ▶ Do not use the charger if it is defective, corroded or otherwise damaged, or if it indicates a serious internal error.
- ▶ Do not touch the connectors with sharp metal objects such as wires, needles or other tools.
- ▶ Do not damage the charger with sharp objects or insert foreign objects into any part of the charger.
- ▶ Keep the charger out of the reach of children or mentally incapable people.
- ▶ When using and transporting the charger, handle it carefully to avoid damaging it. Do not subject it to strong shocks, tension, twisting, tangling or loads.
- ▶ Protect the charger, and especially its terminals, from moisture and water. Do not use it in heavy rain or snow.
- ▶ Make sure that the charging cable does not obstruct the movement of pedestrians, other vehicles or other objects.
- ▶ Do not unplug the power before disconnecting the vehicle plug.

Package List

Product description:



- The product is designed according to IEC 62752-2016 standard.
- This product is IC-CPD mainly composed of function box, vehicle connector and power plug.

Package:



EV Charger



User manual

Display Descriptions

- This product is equipped with a display screen and a setting button (hidden), the setting position is shown below.



The screen will show the status of charging and charging parameters.

Time delay max 8 hours.
The charging power and the maximum adjustable charging current are shown in the table below.

Charging power	Current
3.7kW	Max 16A
7kW	Max 32A

Specifications

Description	Parameter
Input Voltage/Frequency	AC110~250V 50/60Hz
Output Voltage/Frequency	AC110~250V 50/60Hz
Rated Input Current	6/8/10/13/16/20/26/32A
Rated Charging Current	6/8/10/13/16/20/26/32A
Charging Current Setting	6/8/10/13/16A 8/10/16/20/26/32A
Charging Schedule	1~8h adjustable
Standby Power consumption	≤3W
Insulation Resistance	>10MΩ
Over Temperature Protection	Function box
Overvoltage Protection	≥275V±5V continued 5s
Undervoltage Protection	≤75V±5V continued 5s
Grounding Protection	Grounding continuity detection

Specifications

Description	Parameter
Drop Level	1m
Flame Rating	UL94-V0
Dimension	180×90×66mm (L×W×H)
IP Grade	Outdoor IP 67(function box)
Ambient Temperature	-30°C ~ +55°C
Storage Temperature	-40°C ~ +85°C
Ambient Humidity	≤95%RH no condensation

User Instructions

Direct charging:

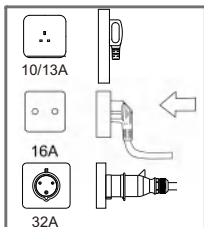


Fig. 1

1 Step 1:

Take out the product and insert the plug into the outlet, then the screen displays the standby interface.

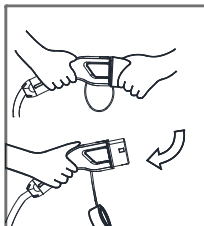


Fig. 2

2 Step 2:

Remove the protective cap of vehicle connector and fully insert it into the vehicle socket, then start charging.

User Instructions

Set charging mode:



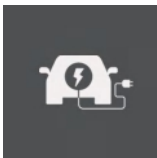
When the vehicle connector is not connected, the charging current and scheduled charging time can be set by touching the button. The specific operations are as follows:

1. Touch the setting button and the indicator light will turn on.
2. Press and hold the button for 3 seconds to wake up, and the screen will display the charging current setting interface.
3. Click the button to set the charging current. After the setting is completed, wait for 3 seconds.
4. The display interface will jump to the interface for setting the scheduled charging time. Click the button to set the scheduled charging time.

- ★ Select the output current as required.
- ★ The current has a memory function, and the next charge will use the last current.

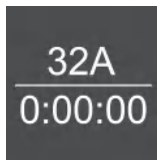
User Instructions

Step 1



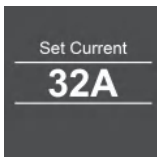
When the plug is inserted into the outlet the screen will display the startup screen

Step 2



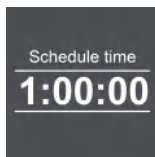
Then the screen jumps to the interface of setting charging current and booking time

Step 3



Press and hold the setting button for 3 seconds to wake up and then click the button to set the charging current.

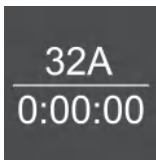
Step 4



After setting the charging current, wait 3 seconds and will jump to the time reservation interface and then click the button to set the reservation time.

User Instructions

Step 5



After setting the charging current and reservation time, the charging current and reservation time interface will be displayed.

Step 6



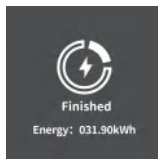
When the charging gun is fully plugged into the vehicle socket, the interface displays the set charging current and the countdown to start charging

Step 7



When the appointment time is over, the vehicle starts charging

Step 8



After the charging is complete, the charging end page is displayed

Fault Description

Fault code	Description	Solution
ERR 003	Self test fault	Failure, please restart.
ERR 004	Abnormal communication	Communication abnormal. System in protection mode. Please restart.
ERR 005	Overvoltage /undervoltage	Overvoltage/undervoltage protection. Stop charging, restart when the voltage returns to normal.
ERR 006	Overcurrent	Overcurrent protection. Please restart after troubleshooting.
ERR 007	Electric leakage	Leakage protection, restart after troubleshooting.
ERR 008	Function box over temperature	Overheating. Please restart when the temperature drops to normal .
ERR 009	Plug over temperature	Overheating. Please restart when the temperature drops to normal .

Warranty Terms

Warranty and Product Replacement Policy

All products are covered by 2-years warranty. Products warrants that they are free from defects in materials and workmanship for the period specified in the warranty from the date of purchase.

This warranty will not apply if the product has been misused, abused, or altered. Warranty for the cable does not include normal tear and wear. Plugs that have been exposed to snow or water for a prolonged period are not covered by this warranty. The warranty will apply only if the product is defective.

Warranty claims made within 60 days from purchase will be replaced with a new unit. Warranty claims made after 60 days will be replaced with a refurbished unit.

No liability for any dismantling, removal, installation, re-installation, or labor costs or any consequential damages associated with this warranty. Not responsible or liable for any costs associated with faulty installations.