

QUICK USER GUIDE

EV Portable Charger

Model: BS-PCD030

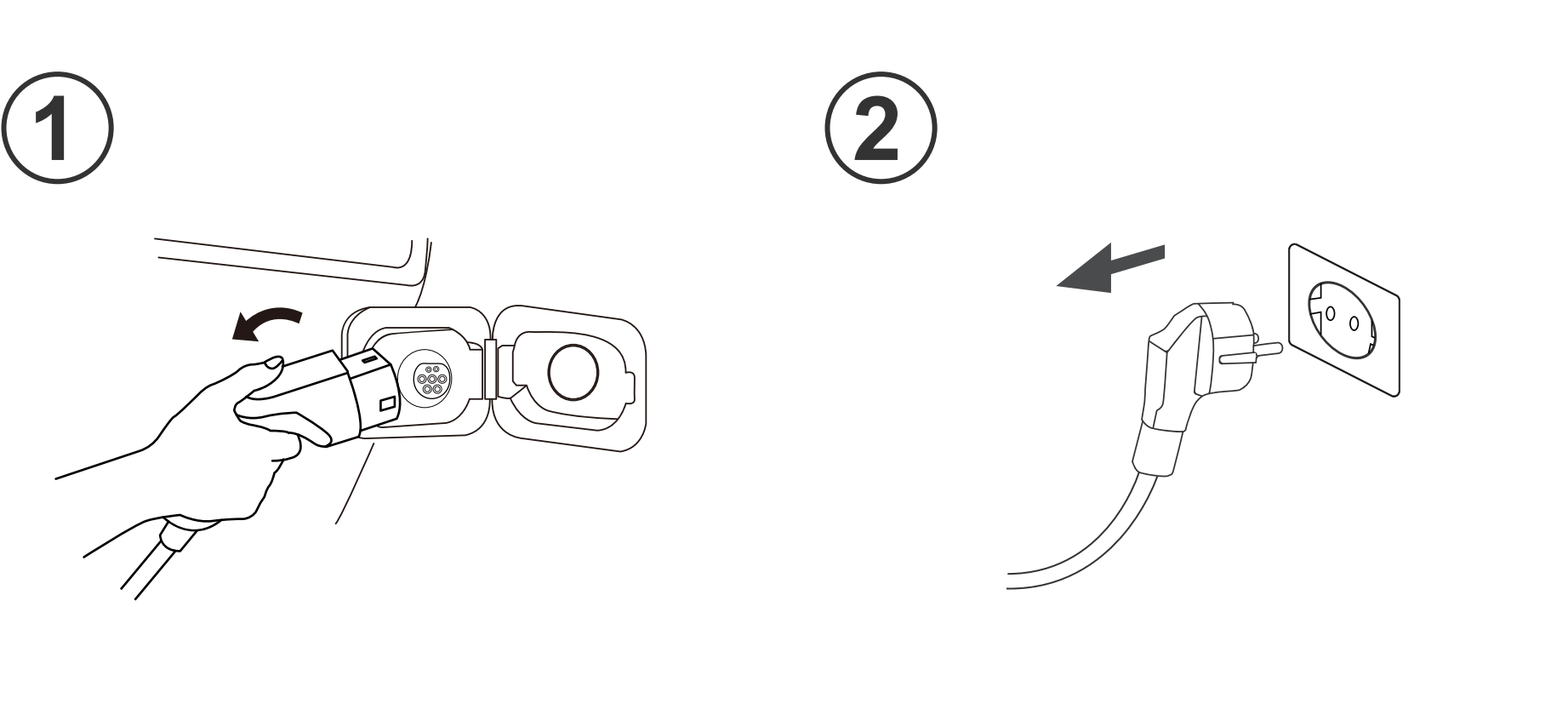


European Standard

American Standard

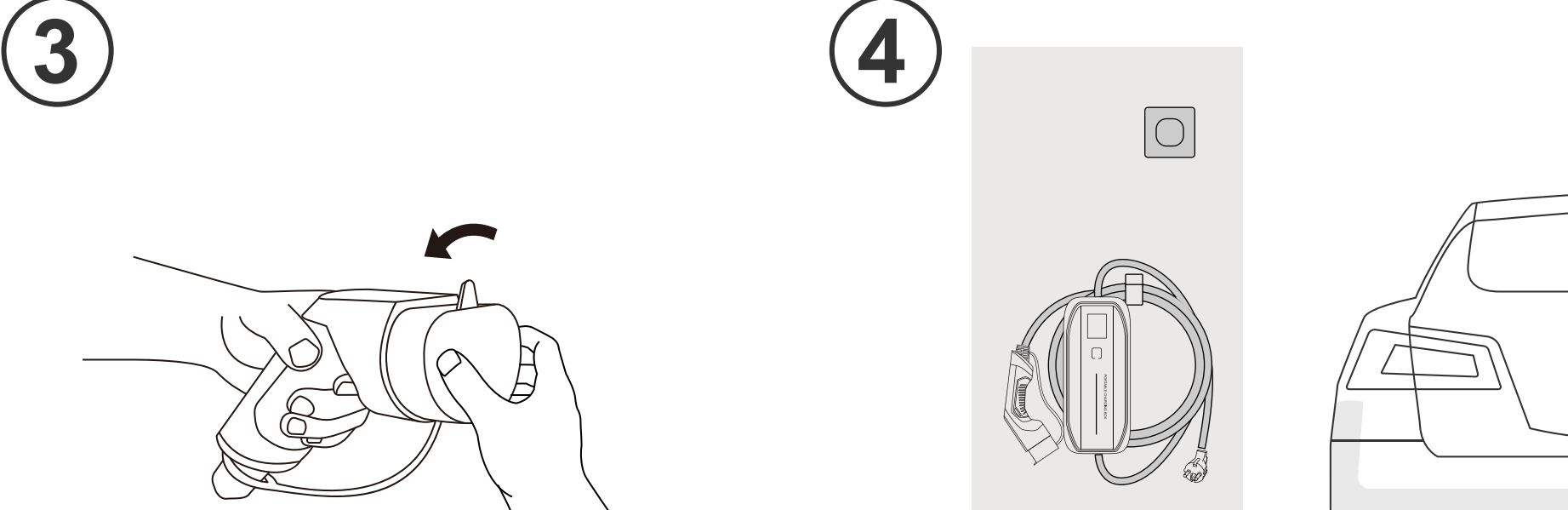
INSTRUCTION FOR USE

INITIATE



Plug into the socket

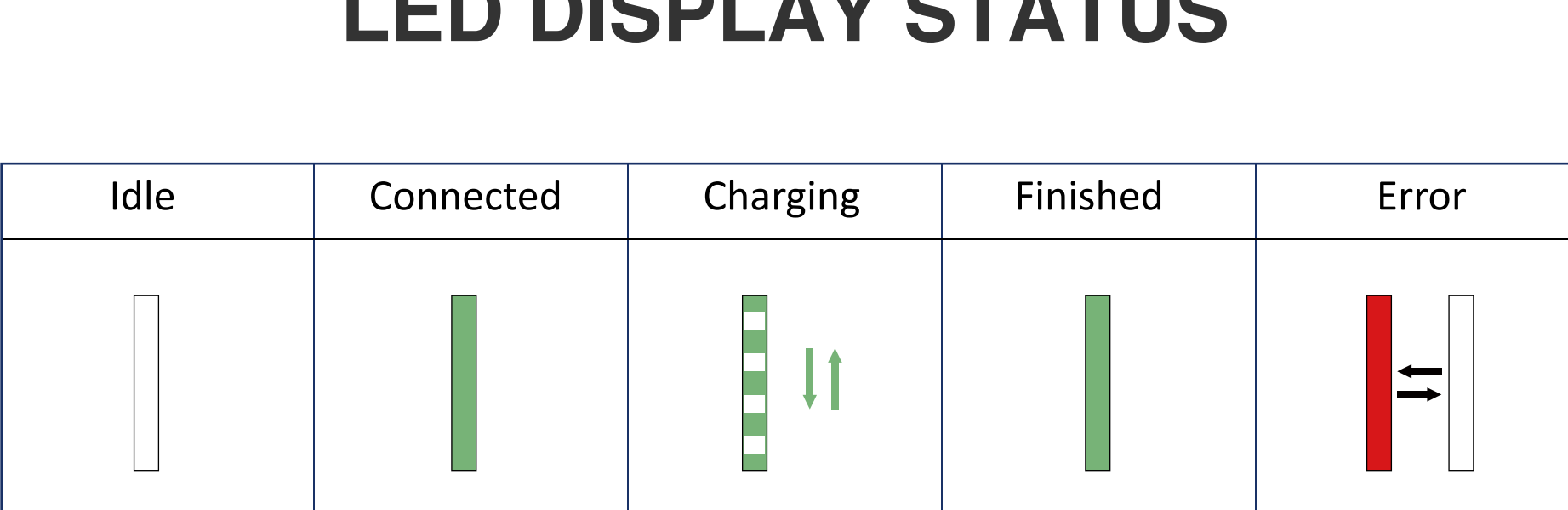
Press the button and switch the charging current
The process in Figure 2 must be performed before Figure 3



Plug into your EV

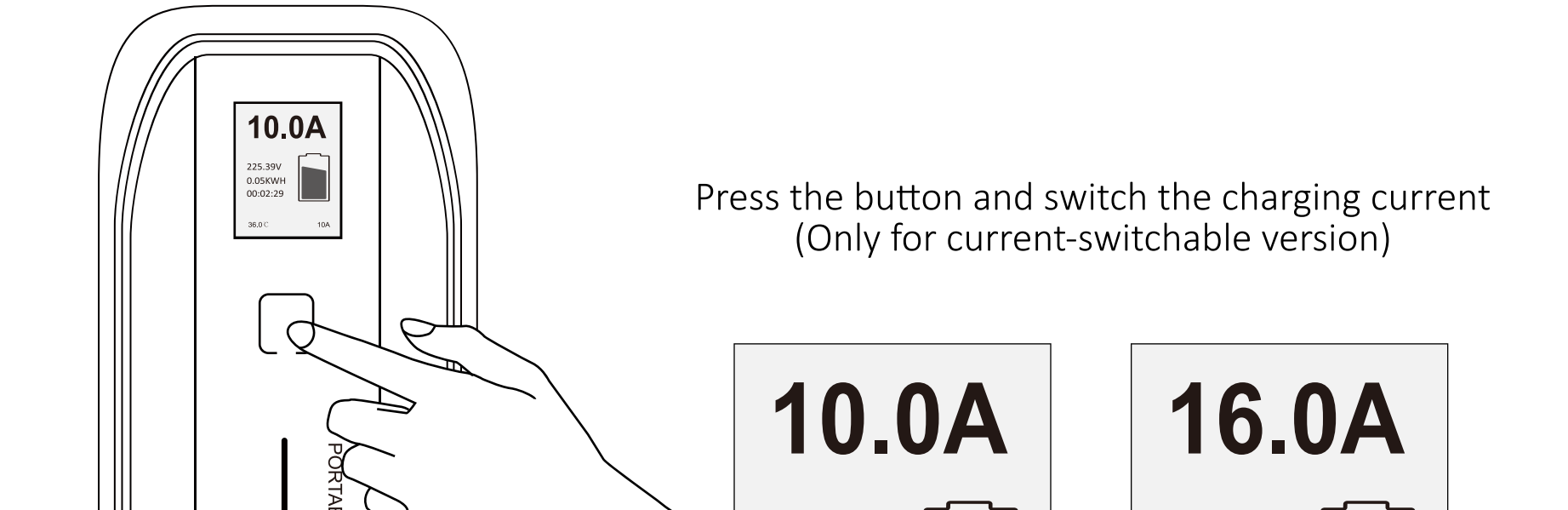
Enjoy the charging!

FINISH



Unplug the charging plug

Unplug the wall plug

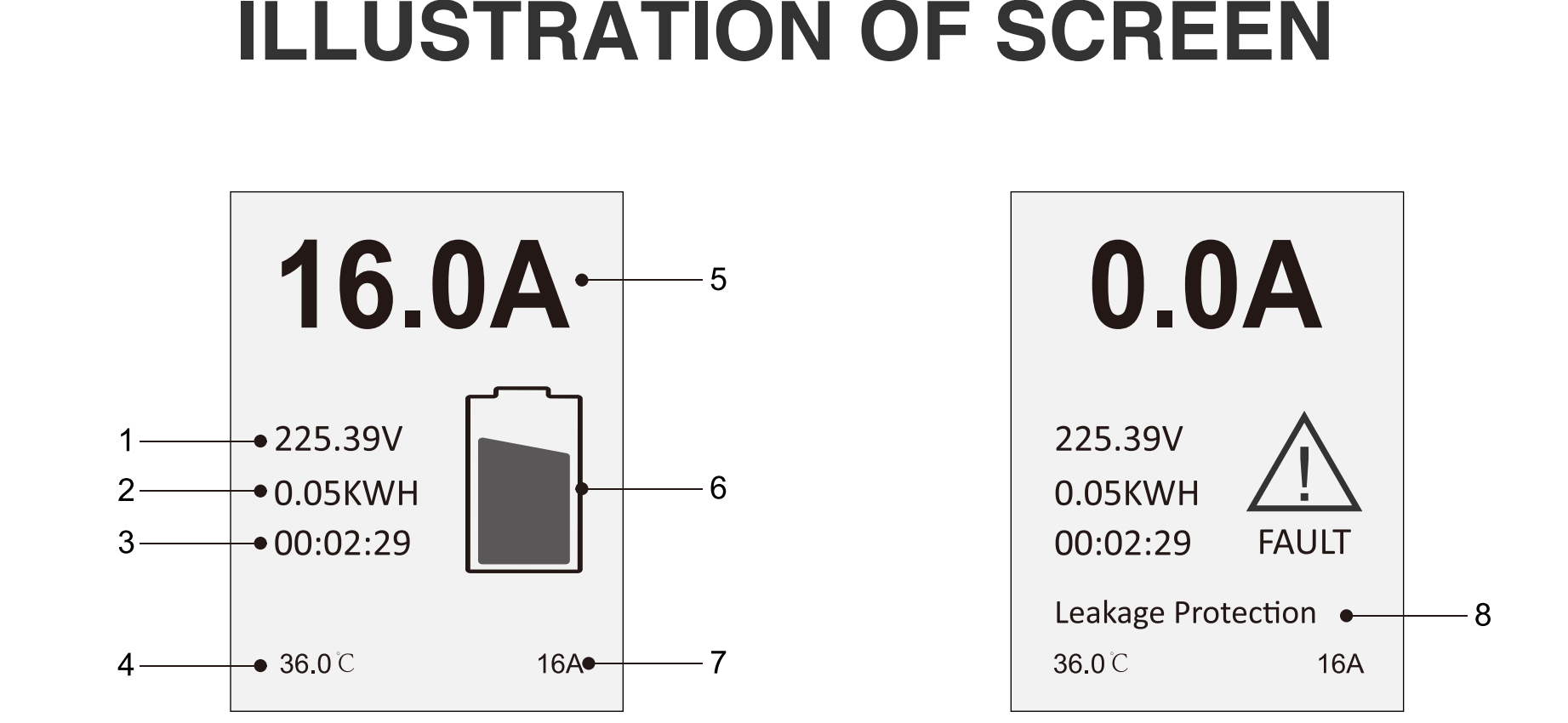


Put back the protection cover

Enjoy the charging!

LED DISPLAY STATUS

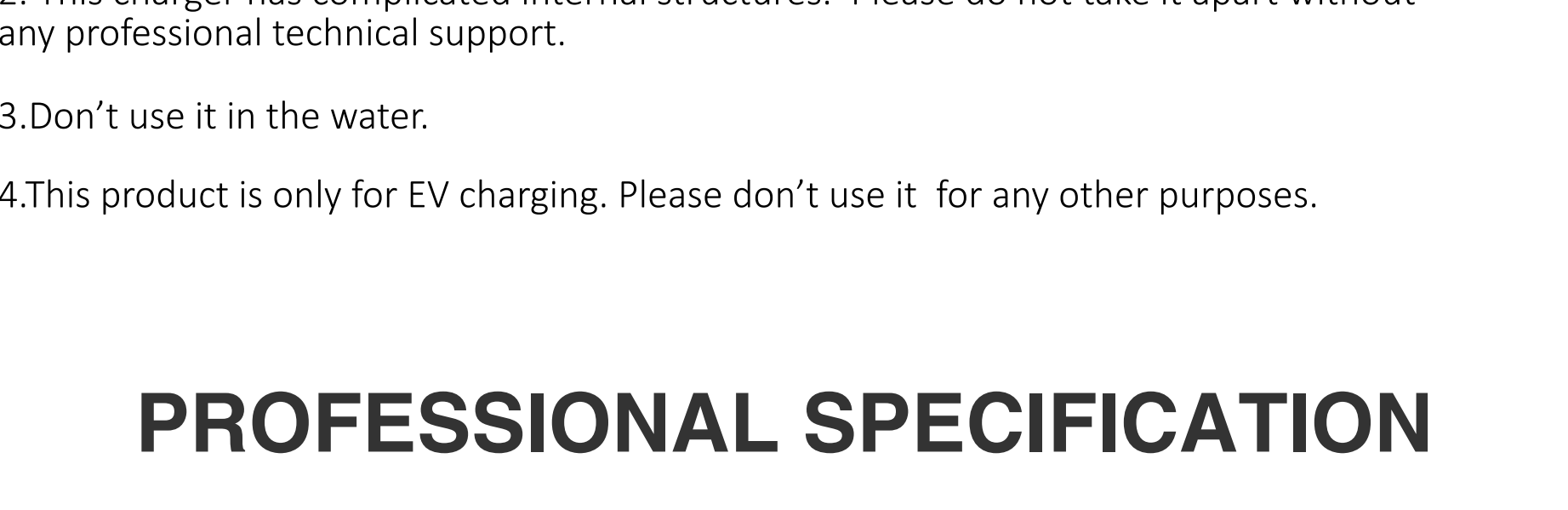
Idle	Connected	Charging	Finished	Error
Off	Continuous light	Rolling	Continuous light	Flashing red light



Press the button and switch the charging current
(Only for current-switchable version)

NOTE
Please set the charging current before inserting the charging plug into the vehicle. Otherwise, it will start charging immediately and you cannot set any charging parameters after that.

ILLUSTRATION OF SCREEN



1. Real-time voltage 2. Charging amount 3. Charging duration 4. Working temperature 5. Real-time current 6. Charging icon 7. Rated current 8. Reporting fault

GOOD TO KNOW

1. This is a Mode 2 / Level 2 EV charger only for EVs with Type 1/ Type 2 inlets. Don't use it for EVs with other types of inlets.
2. This charger has complicated internal structures. Please do not take it apart without any professional technical support.
3. Don't use it in the water.
4. This product is only for EV charging. Please don't use it for any other purposes.

PROFESSIONAL SPECIFICATION

Certificate	CE	IP Rating	IP66
Operating Current	6~16Amp	Voltage Range	100V~250V
Maximum Power	3.68KW	Rated Operating Frequency	47~63HZ
Current Adjustable	Optional	Auto Charge Recovery	Yes
LED Lights	Yes	Withstand Voltage	2000V
Service Life	>50000 times	Inlet Cable Spec	3*2.5mm ²
Insulation Resistance	>10MΩ	Shell Material	ABS+PC alloy
Insulator Flammability	UL94	Cable Diameter	10.5(mm)/0.41(in)
Relative Humidity	5%-95% non-condensing	Contact Pin	Copper alloy, silver or nickel plating
Working Temperature	-25 C ~+40 C	Maximum Altitude	<2000M

KEY FEATURES

IP66:
It can be used in most outdoor environment. The IP66 rated enclosure gives protection against low pressure water jets from any direction, as well as condensation and water spray.

High Compatibility:
Compatible to all EVs with Type 1/Type2 inlets.

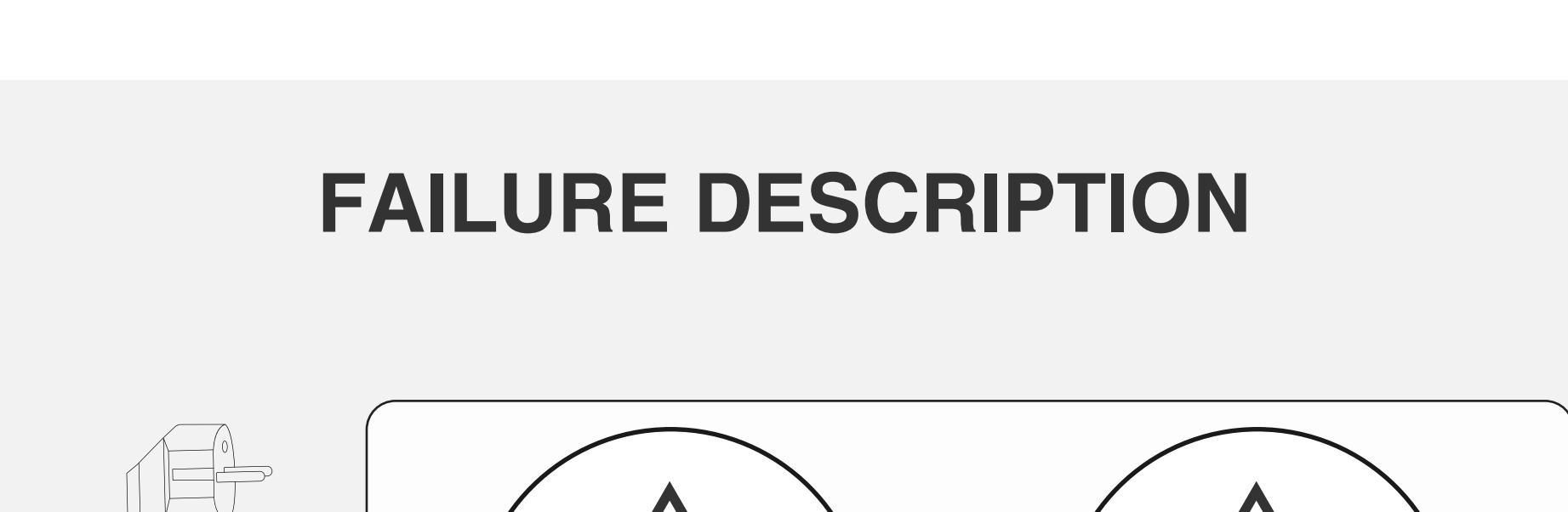
Safety Assurance:
Already passed all tests of CE. All kinds of protective measures are taken to ensure the safety use of every user.

Current adjustable:
Currently, the product has 2 to 5 charging current switching modes. Please refer to the actual version you purchased.

Rugged Enclosure:
To present top notch quality, we use brand-new design and solidly built high strength ABS plastic. The charger is proved to be able to bear the weight of a car.

Intelligent Chip:
Automatically repairs minor charging problems while charging. The LED indicator light will blink different times to indicate different charging problems.

SECURITY PROTECTION



ABOUT MAINTENANCE

In order to ensure the normal service life of the charger and reduce the risk, maintenance must be performed regularly. The maintenance of the equipment needs to be completed by professionals, with use of qualified and safe maintenance tools.

Please avoid strong bumping during transportation in order to protect the outer package of the product.

The product should be placed at an ambient temperature of -25°C~+40°C with a relative humidity of less than 95%. The ambient air should not contain acids, alkalis or other corrosive gases and explosive gases, It also should be away from rain, snow, wind and sand.

OVERHAUL

The chargers are subject to stringent quality inspections. The one-year warranty starts from the day of purchase. However, any direct damage or malfunction caused by neglect, incorrect use, installation, usage, repair by the users or natural damages are not covered by the warranty.

FAILURE DESCRIPTION



Leakage Protection
1. Check whether there are any foreign objects or water in the charging plug or vehicle socket.
2. Unplug and reconnect. If the fault persists, please check the entire charging circuit before trying again. If the problem remains after multiple attempts, please stop using the charger and contact the after-sales personnel.

Over Current
1. Check the selected power. Try again with higher current and restart. 2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using the charger and contact the after-sales personnel.

Short Circuit
1. Check the selected power. Try again with higher current and restart. 2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using the charger and contact the after-sales personnel.

Over Temperature
1. The current ambient temperature is too high, so the charger stops to keep you safe. 2. Charging will restart automatically when the temperature returns to an appropriate range.

CP Error
Communication error between the vehicle and charger has occurred.
1. Unplug and reconnect. Make sure the plug is completely inserted. 2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using the charger and contact the after-sales personnel.

SECURITY WARNING

ATTENTION
Non-compliance with the operating instructions can cause serious consequences. Manufacturer does not assume any liability for damage caused by disregarding operating instructions or other warnings marked on the device. High voltage can cause fire hazards! Never use the device if the housing is damaged or opened! This product is not suitable for people with limited mobility, sensory or psychological disabilities, and those who lack use experience or a certain degree of knowledge.

IMPORTANT SAFETY INSTRUCTIONS WARNING!
▲ Regularly check if the charger has visible damages. Do not use a damaged product.
▲ Make sure that all safety facilities and connections are available, properly installed and undamaged at all times and are tested regularly to ensure they can operate normally.
▲ Make sure that the input voltage, frequency, circuit breakers and other conditions of the device meet the specifications before the device is powered on. It's important to observe the maximum permissible charging current of the connection.
▲ To ensure the service life and stable operation of the charger, the operating environment should be kept as clean as possible with a relatively stable temperature and humidity. The charger must not be used in flammable environment or environments with volatile gas.
▲ Please keep the power cord away from the heated surface. Please do not put the power cord in the gap of the closed door or pull it out of sharp edges or corners.
▲ Do not use the charger when the inside of the charging plug is wet.
▲ Do not modify, retrofit, or change any part by yourself under any circumstances.
▲ Please do not use this product as a toy. Please take good care of children to ensure that they will not play with this device as a toy nor put fingers into the charging connector when the power plug is still connected.
▲ The circuit to which the charger is to be connected must be equipped with a residual current circuit breaker.

NOTE
Please do not use it for other purposes except electric car charging. Do not try to disassemble the device by yourself under any circumstances. Otherwise, the internal precision parts may be damaged, and you will not be able to apply for after-sales service.