

# Portable EV Charger User Manual

Current	<input type="checkbox"/> 8-13A	<input checked="" type="checkbox"/> 8-16A	<input type="checkbox"/> 8-32A
Charging plug	<input type="checkbox"/> US type1	<input checked="" type="checkbox"/> EU type2	
Power plug	<input type="checkbox"/> NEMA6-20	<input type="checkbox"/> Schuko	
	<input type="checkbox"/> NEMA6-50	<input checked="" type="checkbox"/> UK Plug	
	<input type="checkbox"/> NEMA14-50	<input type="checkbox"/> CEE	



# Symbol Meaning

Symbol	Meaning
	<p>"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.</p>
	<p>Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.</p>

The company is committed to the continuous improvement and update of the product, product hardware and software will continue to upgrade, the information provided is subject to change without prior notice.

Version : V2.0

Revision date : 2022-10

# Product Overview



\*Charging plug and power plug refer choices on cover page.

## Appearance of portable AC charger

## Basic Parameters

Parameter	
Working voltage	AC220V
Current	13A (8-10-13A)
Rated power	Max 3.5kw
Frequency	50HZ
IP Degree	IP55
Mechanical life	No-load plug in/pull out>10000 times
Impact of external force	1m drop and 2T vehicle run over pressure
Insulation Resistance	> 500M ohm (DC 500V)
Terminal Temperature Rise	<50K
Use environment	
Working temperature	-30°C— +50°C
Working humidity	5%~95%RH
The cooling way	Natural air cooling
Display function	
Display parameters	Charge voltage, charge current, charged power, SOC, fault code
Physical size	
Packing size	L36*W36*H8CM

# Control Box Function

- Leakage protection (restart recover).
- Over voltage, under-voltage protection (self-checking recover).
- Lightning protection.
- Over current protection.
- Overheat protection.
- RCD(TypeA)

## Cautions

- DO not step on the cable, do not pull it, do not fold it up and do not knot it.
- DO not drop the control unit or put heavy things on it.
- DO not place the charging cable near high-temperature objects.
- DO not place the unit in the car or in a closed room while charging.
- DO not use the device in extreme temperatures, normal operating range (-30°C to+50°C). Make sure that the charging plug, the cable and the control box are free from any signs of Scratches, rust, cracks, etc.
- DO not charge if the power outlet is damaged, rusted, cracked or loosely connected.
- Before charging, make sure the power plug and outlet are compatible.

## Warnings

- Use only on the mains with fault current circuit breaker.
- DO not use this product if the EV charging cable is damaged.
- For use with EV charging only.
- The product must be grounded.
- DO not use this unit with an extension cord or adapter.
- DO not insert any fingers into the charging plug.
- The unit contains no user serviceable parts. DO not try to repair or service the device yourself.
- If the unit does not work properly in accordance with the operating instructions, do not use this unit. Contact your dealer for a repair or replacement.
- Use the product under normal away from high temperature erosive materials or ignition source
- DO not contact metal conductor to prevent electric shock accident.
- Product shell is made of thermoplastic, please do not pound it to avoid reducing performances.

# Led Screen Description

Temperature of the control box  
Charging Current Limit  
Charging Voltage/Current



Charged Energy  
Charging Time  
Charging Power

## Charge

1. Check the power distribution cable for damage before powering up.
2. Plug the mains plug into the socket
3. Make sure that the power outlet complies with national standards and that the socket is corresponding.
4. Touch the round button 'TOUCH' on the control box to adjust the current to 8-10-13-16A.(This step can be skipped if the current does not need to be changed.)
5. Plug the vehicle plug into the socket of your vehicle.
6. Make sure that the vehicle connector is fully inserted until it clicks into place.
7. The charger works automatically, the indicator light is blinking blue.



**Notice:** The adjustment function cannot be used during the charging process. If you want to change the charging current or time, please pull out the plug and reset parameters.

## Charge completed

1. Disconnect the power plug.
2. Disconnect the charging connector.
3. Cover the connector cap onto plug.
4. Insert the charging cable into the carrying case.

## Warranty

Damage caused for the following reasons is not covered by the warranty:

1. Improper handling, installation, use and maintenance by the user.
2. Product falls into the water.



# Indicator light description

Working Condition	Light state			
	Power Indicator	Status Indicator	Fault Indicator 1	Fault Indicator 2
Initial state	Stays On	Flash 1S	Flash 1S	Flash 1S
to be connected	Stays On	/	/	/
Charging normally	Stays On	Flashing	/	/
Charging Completed	Stays On	Stays On	/	/
Self-test failed	Stays On	/	Stays On	Stays On
Communication Error	Stays On	/	/	Stays On
Under Over-voltage protection	Stays On	/	Stays On	/
Ground Fault	Stays On	/	/	Flashing cycle
Over current protection	Stays On	/	Flashing cycle	/
Leakage protection	Stays On	/	Flashing cycle	Flashing cycle