

# User Manual

## **Portable Charger for Electric Vehicles (Mode 2)**

Apply for 16A 3P portable charger for electric vehicles.

In order to help you use this product properly, please read this user manual carefully before using the product.

### **Caution**

Do not expose the control box to rain.

Do not immerse the charger in water.

Do not damage the products maliciously.

Avoid dropping the communications box or pressing heavy objects on its surface.

Keep the charger away from high temperature.

Do not place the charger in the car or in a confined space when charging.

The operating temperature of this equipment cannot exceed  $-30\text{ }^{\circ}\text{C}$  to  $+50\text{ }^{\circ}\text{C}$ .

### **Warning**

Use with RCD circuit breaker only.

Do not use this product if the EV charging cable is damaged.

For electric vehicle charging only.

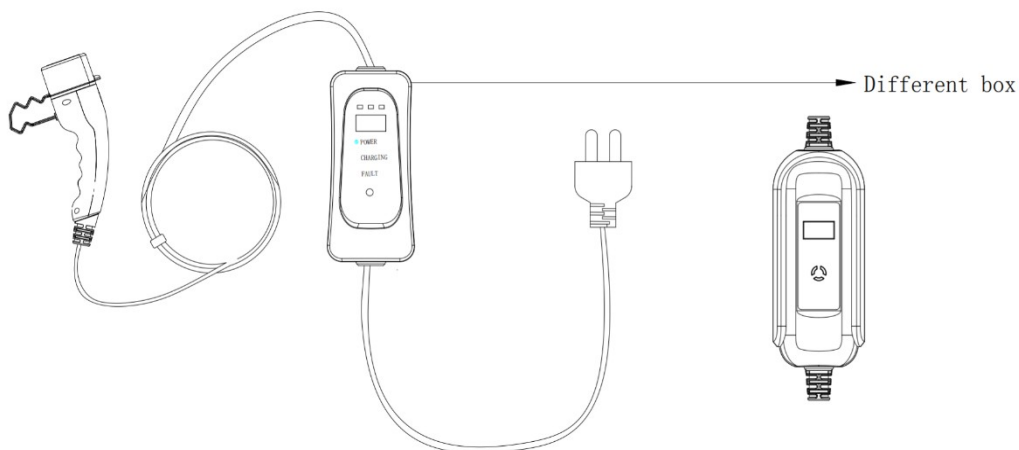
This product must be grounded properly when used.

Do not put fingers into the charging plug.

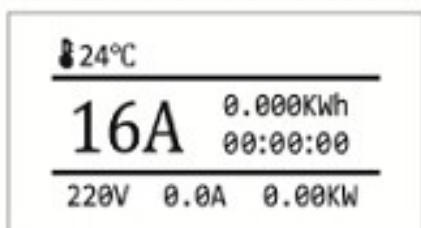
This product does not contain user-serviceable parts, please do not try to repair or maintain the product on your own.

If the charger cannot be charged normally accordingly to the user manual, please contact the dealer for repair or replacement.

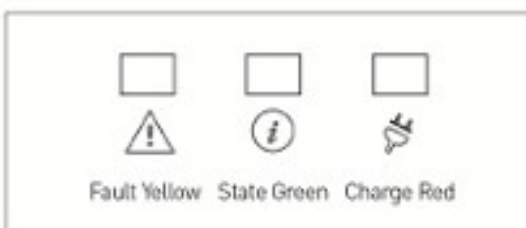
## Product Description



### Communications Box ( LED Screen )



### Status LED Meaning



Communications box( LED Screen ) Status LED Meaning:		LED State	Fault Yellow	State Green	Charge Red
24°C	:Temperature	Ready	Off	On	Off
16A	:Rated current	EV Connected	Off	Slow Flash	Off
220V	:Voltage	CP Error	Off	Fast Flash	Off
0.000kwh	:Electricity consumption	Charging	Off	Pulsing	On
00:00:00	: Predict /actual Charging time	Charge Complete	Off	Off	Off
0.00kw	:Power	Fault	Flash	On	Off
0.0A	:Constant current				

## **Product Specification**

Standards:	IEC62196-2
Rate Voltage:	200V~450V AC
Rated Current:	8-10-13-16a(MAX) AC Three phase
Rated Frequency:	50HZ/60HZ
Insulation resistance:	>1000MΩ (DC500V)
Operating Temperature:	-30°C to +55°C
Storage Temperature:	-40°C to +80°C
Operating humidity:	5%~95%RH (non-condensing)
Enclosure:	In-Cable box: IP65 Charging Connector: IP54
Weight:	2.9kg

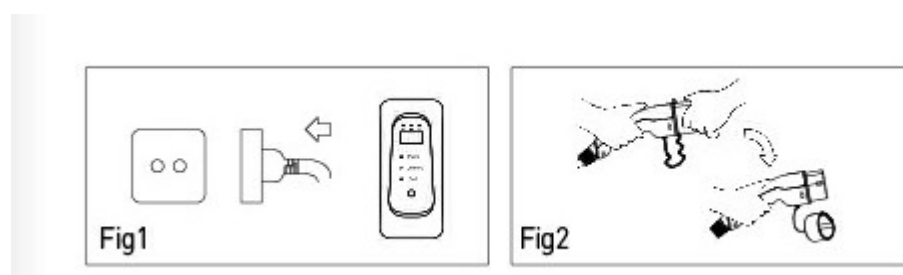
## **Precautions**

Make sure that the charger is free from any abnormal conditions, such as laceration, rust, rupture or breakage of charging ports, cables, control boxes, wires, and plug surfaces. Please do not use this charger if the socket is damaged, rusted, cracked or loosely connected.

Do not start using if the plug is dirty or wet!!! Wipe with a clean and dry cloth to make sure it is dry and free of dirt.

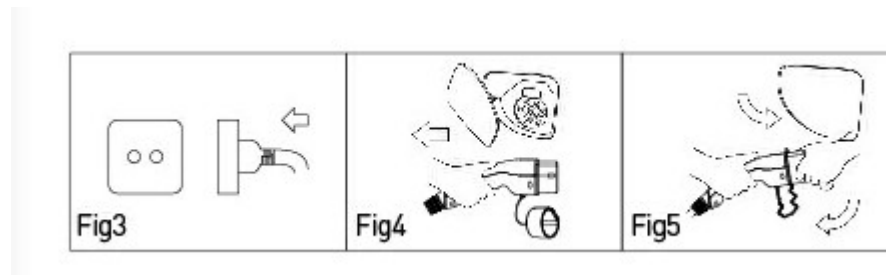
Make sure that the plug at the power supply is consistent with the power supply socket before charging.

## **How to start charging**



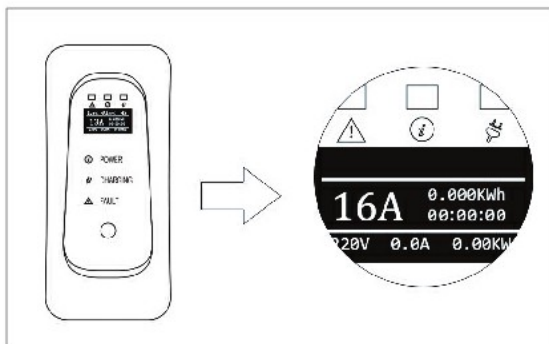
- 1, Take out the charging cable and insert the plug into the power supply socket.
  - 2, push the blue button on the controller to adjust the current.
  - 3, please remove the protective cap and fully insert the charging connector into the charging port.
- Make sure the connector is fully inserted into the socket.
- 4, if the charging device operates automatically, the red light will always be on, and the green light will be flashing.

## How to stop charging



- 1, disconnect the plug from the outlet socket.
- 2, disconnect the charging connector from the vehicle inlet socket.
- 3, close the protective shell of charging port at the car end, and then cover the protective cap of the charging connector.
- 4, put the charger into the bag.

## Current (AMP) Switching of the Controller



In order to switch charging current, make sure the power plug is firmly inserted into the socket and the end of the EV vehicle is disconnected, and then press the blue switch button. The charging current will be successfully switched. Presses the green button can set predict charging time, which supports charging after 1-10 hours.

