

# AC Portable EV Charger

## (User Manual)



# AC Single-phase Portable EV Charger

## 01 Portable and Convenient

Charge your EV wherever and whenever

## 02 Plug and Play

Easy operation, plug and play.

Charging EV just like charging your mobile phone.

## 03 Adjust current

Adjust current to meet different charging needs.

16A: 8/10/13/16A 4 gear current adjustment.

32A: 13/16/20/24/32A 5 gear current adjustment.

## 04 Friendly Interface

Intuitive HMI with LED indicators.

With LED screen display more intuitive.

## 05 Robust and Durable

Anti-corrosion and weather proof.

IP66 protection grade for outdoor use stably.

## 06 Safe and Reliable

Current leakage protection to ensure safety.

Over temperature protection to secure reliability.

# Portable EV Charger Specifications

Specification	Model	GO-E20 AC EV CHARGER SERIES			
		<input type="checkbox"/> Schuko Plug	<input type="checkbox"/> CEE Plug	<input type="checkbox"/> Industrial Plug	<input type="checkbox"/> Industrial Plug
AC Nominal Input	Phases	1 Phase	1 Phase	3 Phase	3 Phase
	Voltage	230V	230V	400V	400V
	Frequency	50 / 60Hz			
AC Nominal Output	Voltage	230V	230V	400V	400V
	Current	16A (4 gear adjustment)	13/16/20/24/32A (5 gear adjustment)	16A (4 gear adjustment)	32A (4 gear adjustment)
	Power	3.5KW (MAX)	7KW (MAX)	11KW (MAX)	22KW (MAX)
Feature Design	LED Indicator	Yes			
	Scheduled Charging	None			
	Display screen	LCD display / OLED display			
	Charging Outlet	One charging gun (Type 2)			
	Plug Cable Length	0.5M			
	Gun Cable Length	3.5M / 5M / 7.5M / 10M...			
Environmental	Operating Temperature	-30°C ~ +50 °C			
	Working Humidity	5%~95% Without condensation			
	Working Altitude	<2000M			
Index	Protection Grade	IP66			
	Application Site	Indoor / Outdoor			
	Cooling Method	Natural cooling			
Security Protection	Multiple Protection	Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection, Over current protection, Current leakage protection, Grounding protection, Lightning Protection			
	MTBF	100,000 hours			
	Safety Standard	IEC62752			
Package Information	Product Dimension	250*100*50mm (Control Box)			
	Package Dimension	380*380*80mm			
	External Packing	<input type="checkbox"/> Carrying case+ Carton box		<input type="checkbox"/> Carton box	

# Packaging, Transportation and Storage

## ► Packaging

- 1: Technical documents: 1 set of charging pile instruction manual.
- 2: :Certificate of Qualification
- 3: :Packing method: carrying case + cartoon box.

## ► Transportation

During transportation, the product should not be subjected to severe vibration, impact and inversion

## ► Storage

If the product is not used immediately after purchase, it should be stored in a dry and well-ventilated indoor place, or stored in a dry and well-ventilated indoor place during short-term or long-term storage. Do not store in a humid environment or a place exposed to sunlight.

The equipment operates under normal operating conditions and usually does not require special maintenance during its service life. If you have any questions, please contact the manufacturer.

## **WARNING**

- 1: Do not use the device when the charging cable damaged.
- 2: When using this product, the power supply line must be well grounded.
- 3: It is strictly forbidden to use external wires or adapters.
- 4: This equipment contains high voltage Non-professionals should not open the cover.
- 5: Suggests: Use this equipment to charge electric vehicles in a ventilated environment.

# Charging Operation

## “ Operation Guidelines for portable EV charger

- 1:** First, insert the plug of the portable EV charger into the power socket, and then turn on the portable EV charger and perform a self-inspection.
- 2:** When other currents are needed for charging, click the current button to switch.
- 3:** If you need to reserve charging, press the reserve button to reserve.
- 4:** Secondly, plug the charging gun into the AC charging port of the electric vehicle, and the portable EV charger starts to charge the electric vehicle
- 5:** After charging is complete, unplug the charging gun and then unplug the plug.
- 6:** Finally, put the portable EV charger back into the portable EV charger bag. ”



# Portable EV Charger HMI



## LED Indicator:

- 1: POWER LIGHT: Power indicator.
- 2: STATUS LIGHT: Charging status indicator.
- 3: FAULT LIGHT: Fault alarm indicator.



## LCD Display:

LCD display shows voltage and current gears.



## Adjust Current Button:

**16A:** 8/10/13/16A 4 gear current adjustment. The initial energization current 16A. When other currents are needed for charging, click the current button to switch, the current switching sequence is 16A→13A→10A→8A→16A.

**32A:** 13/16/20/24/32A 5 gear current adjustment. The initial energization current 32A. When other currents are needed for charging, click the current button to switch, the current switching sequence is 32A→24A→20A→16A→13A→32A.