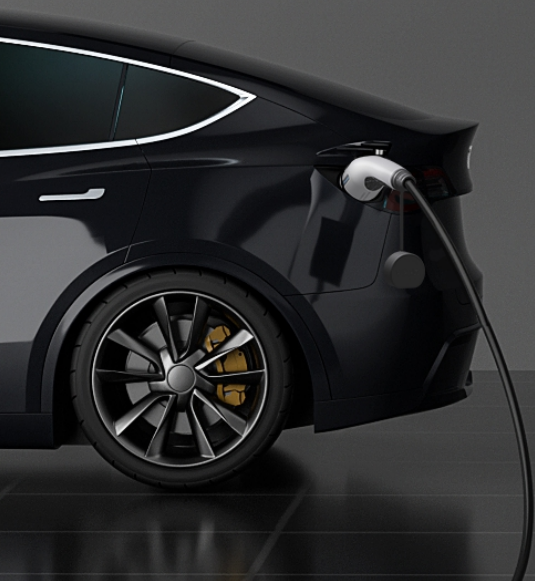




G54G Portable EV Charger

G5-KHONS-PE-3P-32A

G5-KHONS-PE-3P-16A

G5-KHONS-PE-1P-32A

G5-KHONS-PE-1P-16A



Safety Warning

Please be sure to read the following safety instructions before use:

- ① Only applicable to electric vehicles that comply with the IEC 61851 protocol.
- ② It is prohibited to use in humid, high temperature, flammable and explosive environments.
- ③ Before charging, check whether the charging gun and cable are damaged. If there is any abnormality, stop using it immediately.
- ④ Children must operate under adult supervision.



Product Overview

Input voltage	AC 230V+10% 50Hz
Output power	3.6kW/7kW/11kW/22kW (depending on model)
Protection level	IP65 (dustproof and waterproof)
Applicable models	pure electric/plug-in hybrid vehicles that support the European standard TYPE2 interface.

Features	Bluetooth 5.2	Yes
	WIFI2.4G/5G	Yes
	OCPP 1.6J	Yes
	APP Control	Yes
	RFID	YES 1S014443 Type A cards compatible
	4G	Yes
	Sequential charging	Yes
	Smart charging	Yes
	Full current adjustment	Yes
	Portable/Wall-mountable	Yes
User interface	With charger holder	Yes
	IP65	Yes
	Cable Length	5M
	Cable Jacket	TPU
Environment	TFT Display	1.54 inches
	Power Plug	Per customer checking
	Operating Temperature	-30°C ~ +50°C
	Operating Humidity	5%RH~95%RH
Package	Operating Altitude	< 2000m
	Product Dimension	268.1mm(L)x93.4(D)
	External Package	KHONS carton box(Can be designed)
	Weight	3KG-7.5KG

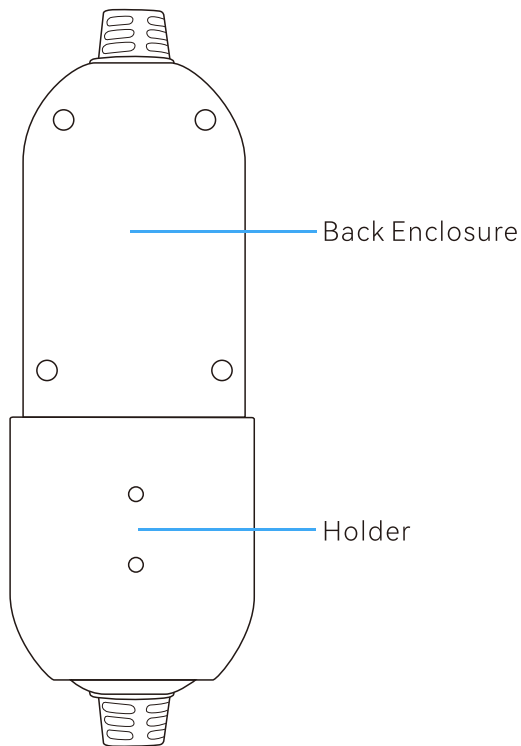
Component Description

Connector:	Connect to the vehicle charging port.
Control box:	Displays charging status (LED indicator/screen).
Cable:	Length 5 meters (standard configuration).

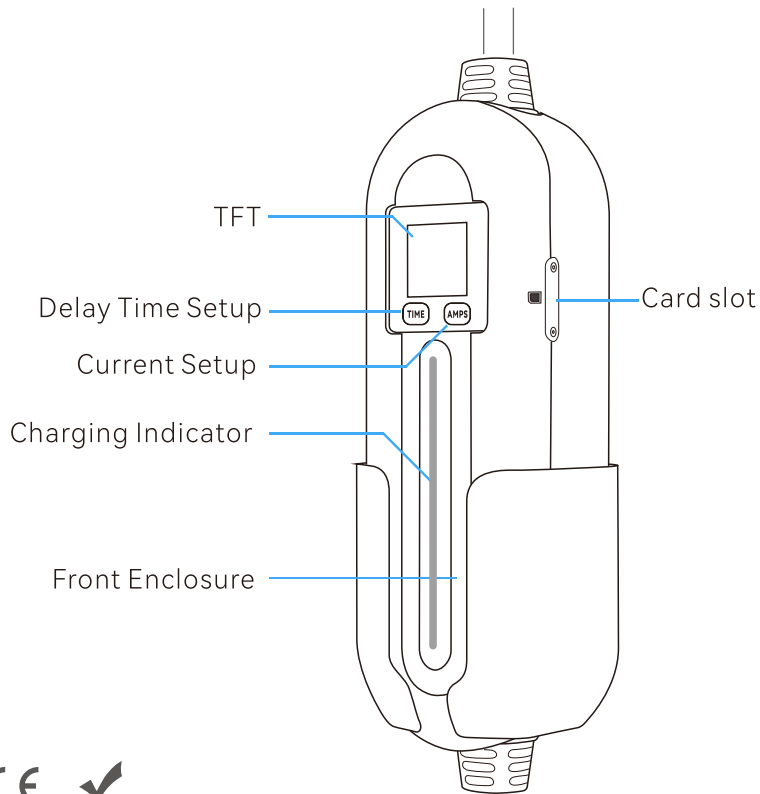


How to install

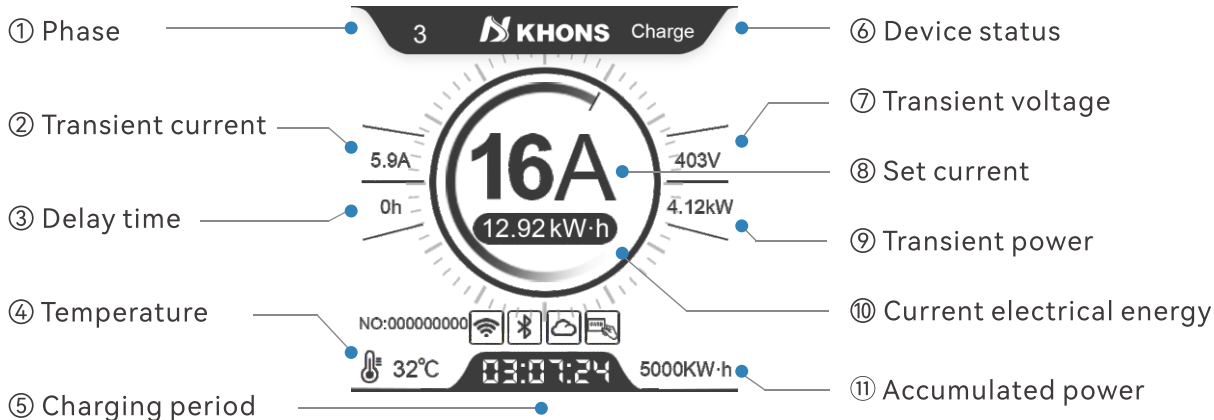
Install the bracket with the screw then attach the charger module to the mounting bracket until it clicks.



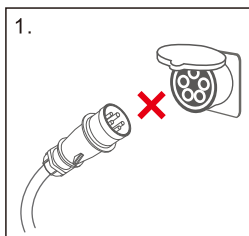
LED Indicators



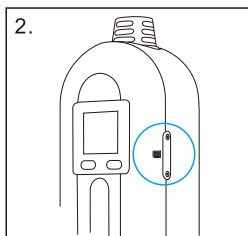
Display Interface



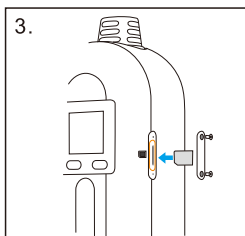
4G card installation (optional)



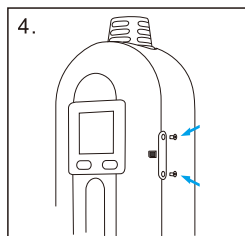
1. Ensure the device is powered off.



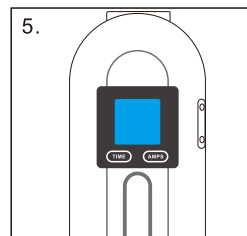
2. Locate the SIM card slot on the back or side of the device.



3. Insert the SIM card in the direction shown in the diagram, making sure the corner cut of the card matches the slot icon.



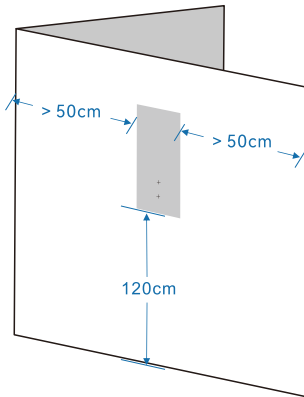
4. After inserting the card, use the two included screws to secure the SIM card cover in place.



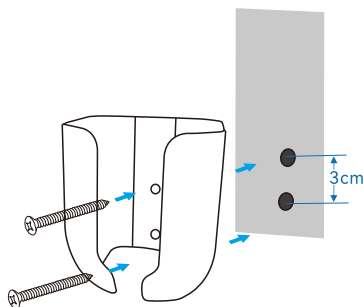
5. After installation is complete, restart the device.

Equipment installation steps

1st Find the position



2nd Screws into wall

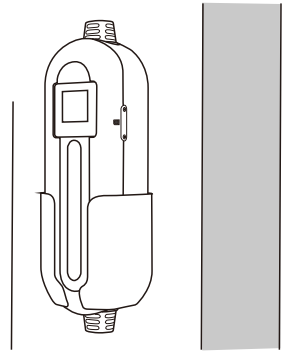


Put the charger to the mounting base.

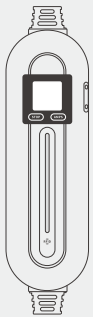


Fix the charger like picture.

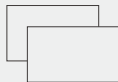
3rd Ready



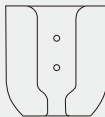
Product list



1. G5 Portable Charger



2. RFID cards



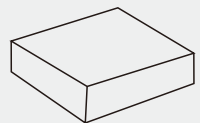
3. Holder



4. Screws



5. Specification



6. Packing box

Operation steps

1. Preparation before charging

- ① Make sure the vehicle is turned off.
- ② Check that the charger power cord is properly connected (the socket must be grounded).

2. Start charging

- ① Insert the charging gun into the vehicle's charging port and make sure it is firmly in place.
- ② The charger automatically detects the vehicle status and the indicator light comes on (solid green means it is ready).
- ③ Start charging through the vehicle's central control or charger button (APP mode requires APP to start, see APP operating instructions for details).

3. Charging status indication

Light Status	Description
Static Green Light	Standby (without connector plugged in)
Static Blue Light	Connector Plugged In
Breathing Green Light	Normal Charging in Progress
Alternating Green and Blue Light	Scheduled Charging (with/without connector plugged in)

4. End charging

- ①Stop charging via vehicle or charger.
- ②Unplug the charging gun and put it back into the bracket.
- ③Turn off the power (if necessary).

Light status

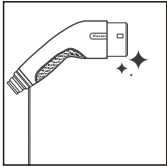
G5 Indicator Light Definitions (Red, Green, Blue, Yellow)		
Color Change	Meaning	Screen Note
Static Green Light	Standby, not plugged in	Ready
Flashing Green Light	Plugged in	Preparing
Breathing Green Light	Charging normally	Charge
Static Yellow Light	Scheduled charging (plugged in/not plugged in)	Waiting
Static Red Light	Over current	Over voltage /current!!!
Flashing Red Light	RCD Leakage	Leak current!!!
Alternating Red-Yellow Light	High temperature shutdown	Over Temperature
Alternating Yellow,Green Light	Standby/plugged in, device overheating	High Temperature
Breathing Yellow Light	Charging, device overheating	Charge & Red Thermometer Icon
Flashing Yellow Light	Standby/plugged in, not grounded	Ungrounded
Alternating Red,Yellow,Green Light	CP Error	CP Error!!!
Alternating Red,Yellow Light	Relay Stuck	Relay Error!!!

Frequently asked questions

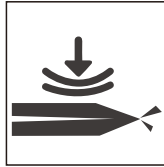
Problem solving method

The connector cannot be inserted/unplugged:	Check whether the charging port of the vehicle is unlocked.
If charging is interrupted:	Check the power supply stability or restart the charger.
If the indicator light is abnormal:	disconnect the power supply and contact after-sales service.

Maintenance and care



Clean the connector tip regularly to avoid oxidation of the metal contacts.



Do not excessively bend or press the cable.



Professional inspection should be carried out at least once a year.

After-sales service

 Warranty period: 2 years (non-human damage)

 Technical support: service@cnkhons.com

 Official website: www.khonsev.com

Note: This manual is a general guide. Please refer to the actual product for specific operations.

Production date: See product label.