



# G2Y EV CHARGER BROCHURE



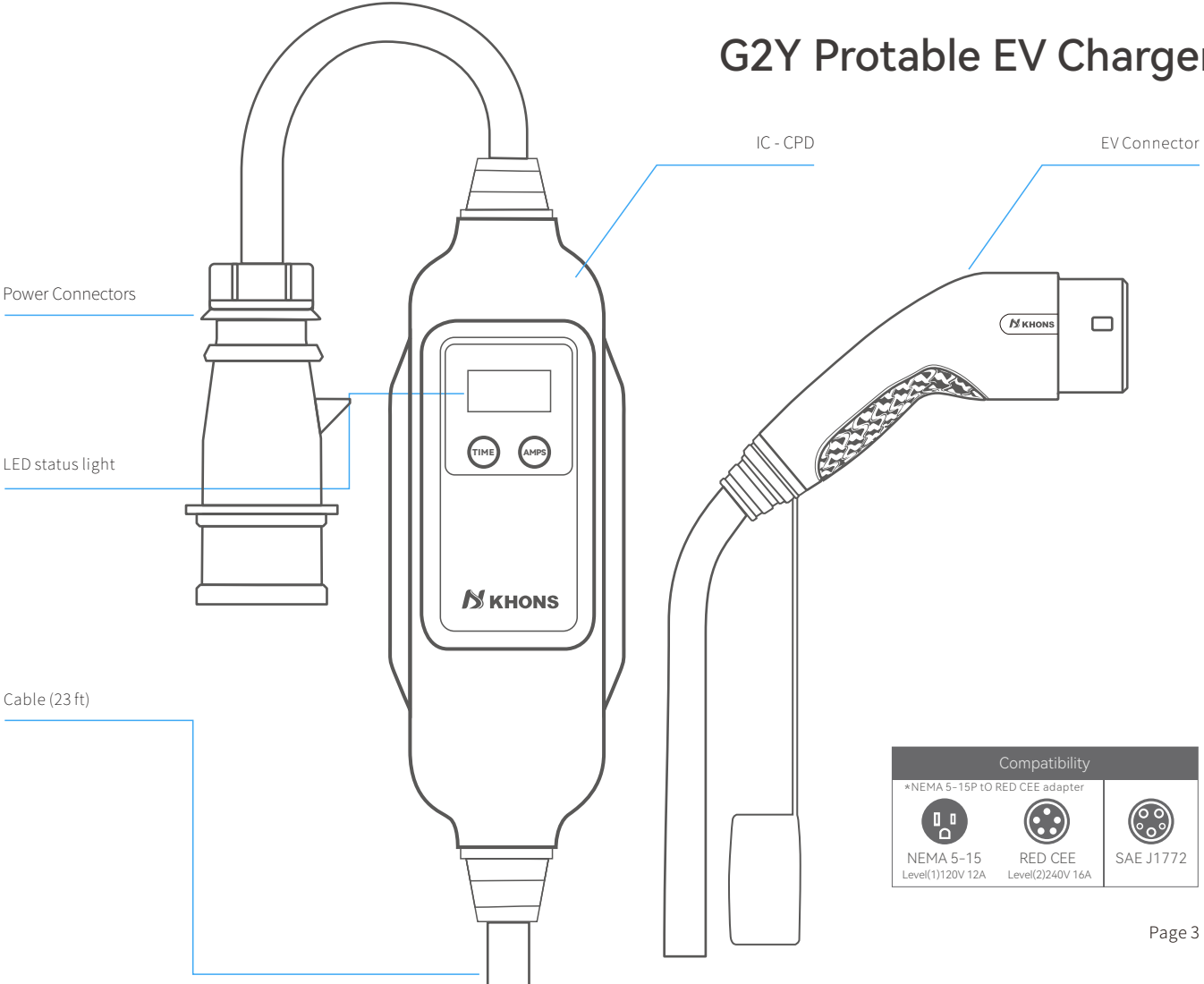
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# Safety Precautions

- It is recommended that electrical outlets for your charger should be installed by a licensed and qualified electrician . To avoid serious injury or death ,installation must comply with the provisions of the National Electric Code (NEC) and all local codes. If there are conflicts between local codes and the NEC, local codes shall take precedence.
- This product must be grounded. in case of a malfunction or breakdown, grounding can help reduce the risk of electric shock. This product includes a cord that is equipped with a grounding conductor and a grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- **SHOCK HAZARD** - Make sure the plug is fully inserted into the wall outlet to avoid any exposed metal surfaces.
- Do not leave children unattended or unsupervised around chargers or other power outlets or devices.
- **DO NOT DROP THE CHARGER OR HANDLE**
- If the output plug is separated from the charger module or the charging handle, **DO NOT ATTEMPT TO REPAIR THE CABLE YOURSELF.** For assistance, please contact us at: [magooservices@outlook.com](mailto:magooservices@outlook.com)
- When using your charger, basic precautions should always be followed including:
  - Read warnings on the charger-cord label before operating the charger for the first time.
  - Read all instructions in this guide before using the charger.
  - Never use the charger with non-approved power adapters or other power components.

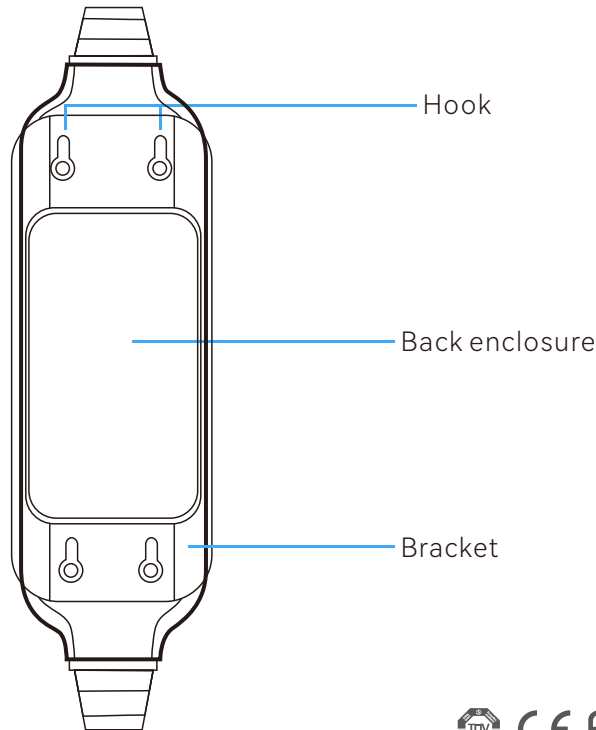
# G2Y Portable EV Charger



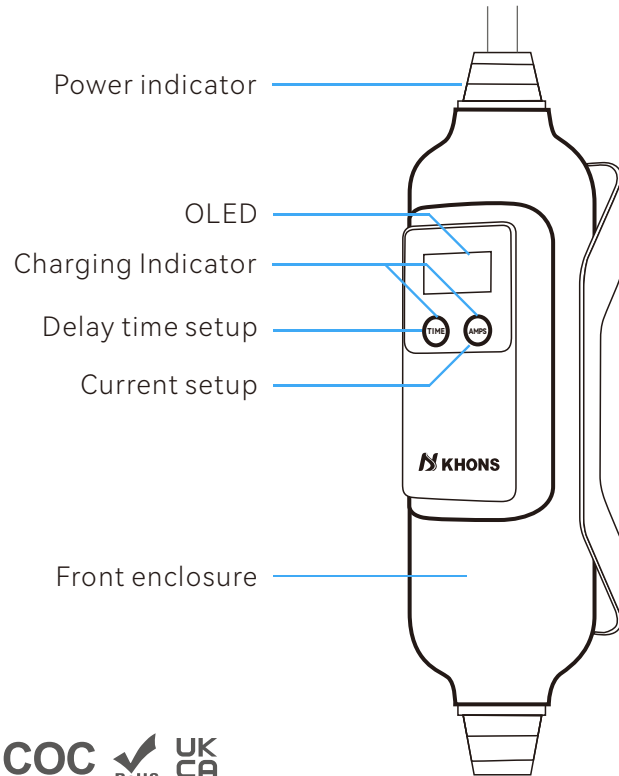
Compatibility		
*NEMA 5-15P TO RED CEE adapter		
		
NEMA 5-15 Level(1)120V 12A	RED CEE Level(2)240V 16A	SAE J1772

# How to install

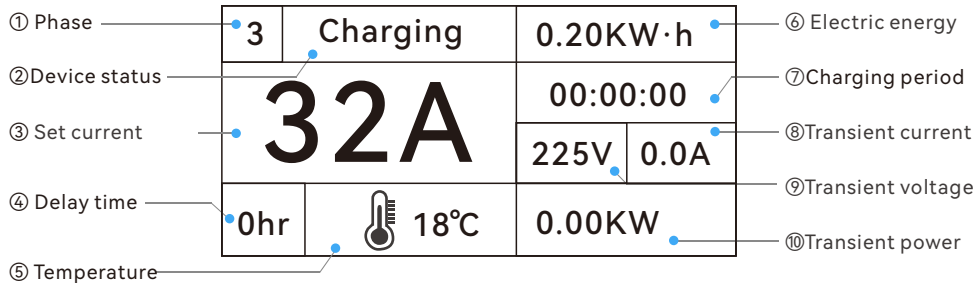
Install the bracket with the screw then attach the charger module to the mounting bracket until it clicks.






# LED Indicators



# Display Interface



## Display interface

Device status	Indicator/color	Description
Ready	 Always blue	The wall side plug is plugged into the power supply but the EV connector is disconnected.
Connect	 Blink blue	The wall side plug is plugged into the power supply and the EV connector is connected.
Charge	 Cycle blink blue	The device is charging.

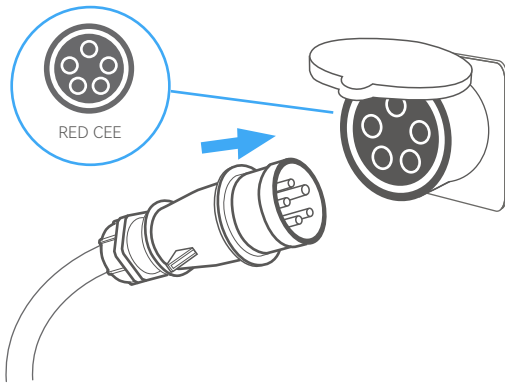
Notice 1 The OLED will turn off automatically when the device is not operated for 2 minutes.

Notice 2 The OLED will turn on automatically when the device status has been changed or the device is operated.

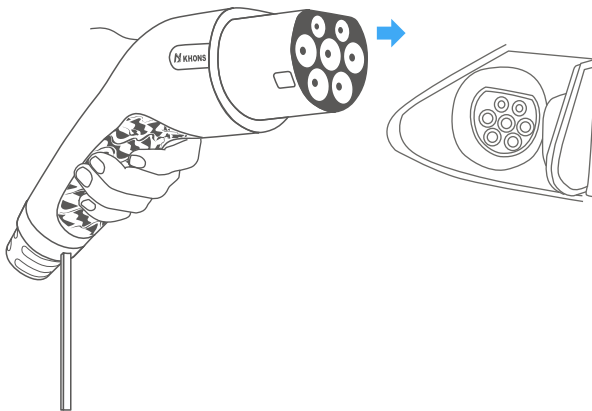
# Charging Your Vehicle

NOTE: Ensure your car is parked and the engine is turned OFF.

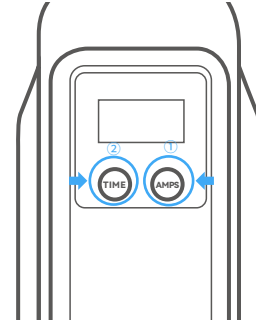
1. Insert the charger into an appropriate wall outlet.



3. Plug the charging handle into your vehicle's charging outlet



2. ① Press the button "APMS" to set the charging current.  
② Press the button "TIME" to set the charging time.



5. When your vehicle is fully charged, the Charging Indicator light will stay solid. Your vehicle has a "dashboard gauge", which also shows if your vehicle is fully charged. Refer to your vehicle user manual to find the location of the gauge on the dashboard.



# Warning message

When the IC-CPD works incorrectly, the corresponding parameters(i.e., ① Phase, ⑦ Transient voltage, ⑨ Temperature of figure 3) in the interface of the OLED will blink (i.e., warning message).

Details refer to follow.

Parameters	Description	Solution
Phase	Input voltage phase deviation exceeds 20°, or Power phase error.	check the wiring of power supply.
Temperature	The temperature of the device beyond -25°C but less than the upper temperature limit 50°C.	Check ambient temperature.
Voltage	Input voltage of the device beyond the upper voltage limit 265Va.c. for single-phase systems or 450Va.c. for three-phase systems.	Close the power supply and check distribution grid.
	Input voltage of the device is less than the lower voltage limit 85Va.c. for single-phase systems or 150Va.c. for three-phase systems.	

# Error message

The error messages will appear on the OLED when the IC-CPD failed.

Details refer to follow.

Error Message	Description	Solution
Over temper!!!	The temperature of the device beyond the upper temperature limits 50°C.	Close power supply and contact the manufacturer or agents.
Power leak!!!	The leak current of the device beyond the special limits.	
Unknown board!!	Original board is not used.	
Unknown cable!!!	The cables of the device was broken,or the cables can't match the device.	
Hardware error!!!	The hardware of the device was broken.	
Over current!!!	Output current of the device beyond the 1.3 time rated current.	Close power supply and check electric vehicle.
No ground!!!	The device was not grounded.	Close power supply and check the distribution grid.



# Datasheet

Item	Specification			
Product Information	Standard	IEC62196		GB/T20234
	Input Voltage	110V-250V/450V		110V-250V/450V
	Output Voltage	110V-250V/450V		110V-250V/450V
	Max Current	16A/32A		16A/32A
	Max Power	3.7KW/7KW/11KW/22KW		3.7KW/7KW/11KW/22KW
	Frequency	50Hz/60Hz		50Hz/60Hz
	Static Power	< 2W		<2W
Standards	RCD	TypeA AC 30mA+DC 6mA		
	IP Degree	IP65		
	Warranty	2 years (warranty extension possible)		
	Certification	CE, ROHS, FCC, TUV, CQC, UKCA		
	Certification Standard	IEC 62752 EN 61851-21-2:2021	IEC 61000-4-6:2023	
Features	Bluetooth 5.2	Yes	Dynamic Load Balancing	Yes
	WIFI 2.4G	Yes	Sequential charging	Yes
	IoT	Yes	Smart charging	Yes
			Multi-gear current	Yes
	APP Control	Yes	Portable / Wall-mountable	Yes
	Preset Charging	Yes	IP65	Yes
User interface	Cable Length	5m/7m (Customizable)		
	Cable Jacket	TPU		
	TFT Display	1.54 inches		
	Power Plug	Industrial plugs, CEE plugs, Schuko plugs, etc		
Environment	Operating Temperature	-30°C ~ +50°C		
	Operating Humidity	5%RH-95%RH		
	Operating Altitude	< 2000m		
Package	Product Dimension	278mm(L)x83mm(D)		
	External Package	Color box (Customizable)		
	Weight	3KG-6.5KG		

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