

G1S EV CHARGER Instructions

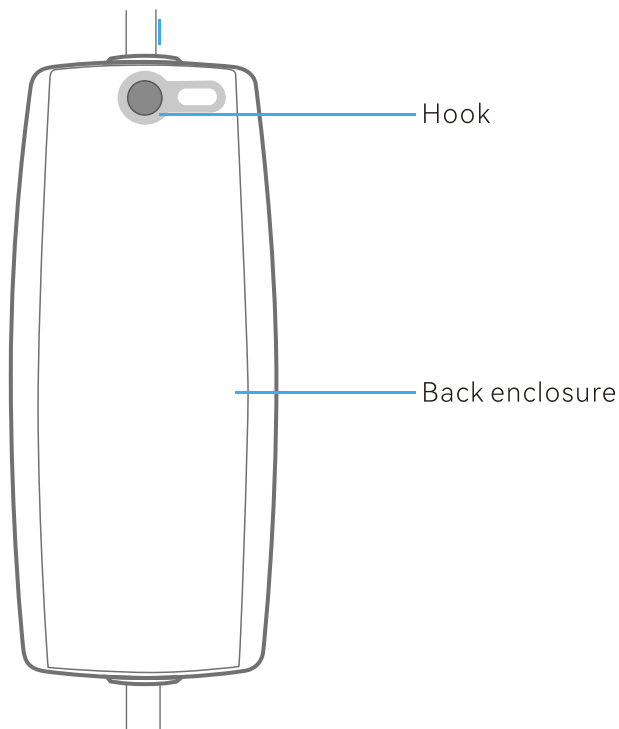


Safety Precautions

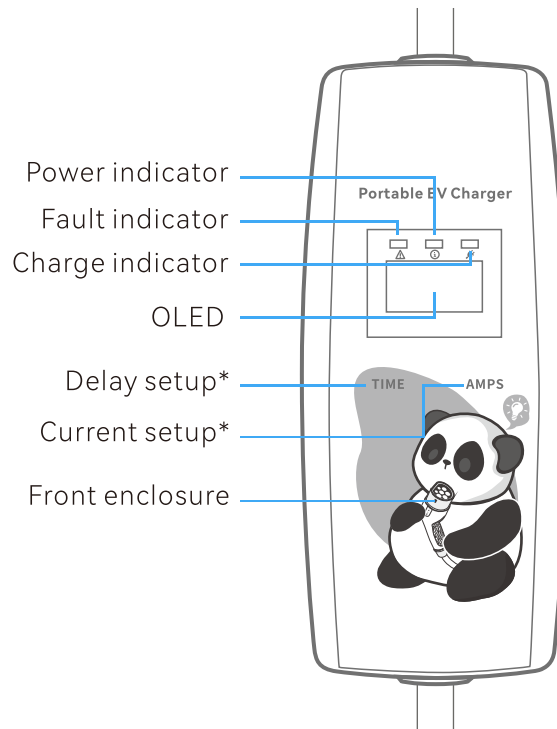
- It is recommended that electrical outlets for your charger should be installed by a licensed and qualified electrician. To avoid serious injury or death, installation must comply with the provisions of the National Electric Code (NEC) and all local codes. If there are conflicts between local codes 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: service02@cnkhons.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.

How to install

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



LED Indicators



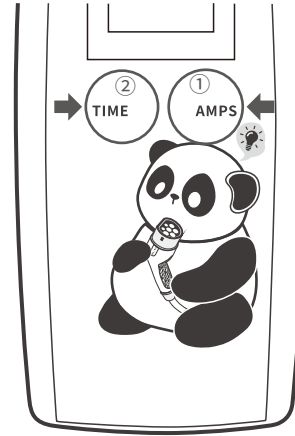
Display Interface

① Phase	1	Charging	0.20KW·h	⑥ Electric energy
② Device status			00:00:00	⑦ Charging period
③ Set current		6A	225V	⑧ Transient current
			0.0A	⑨ Transient voltage
④ Delay time	0hr	 18°C	0.00KW	⑩ Transient power
⑤ Temperature				

Charging Your Vehicle

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

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



LED Status

Figure 2 Front and Back

Indicator	Color		Device status
Power		Green	Ready or Connected or Charging
Fault		Yellow	Fault
Charge		Red	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.

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 -30°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	3.5kW	7kW	11kW
	Input Voltage	110V-250V		110V-450V
	Output Voltage	110V-250V		110V-450V
	Max Current	16A	32A	16A
	Frequency	50Hz/60Hz		
	Static Power	< 2W		
Standards	RCD	TypeA		
	IP Degree	IP54		
	Warranty	2 years (warranty extension possible)		
	Certification	CE、ROHS、FCC、TUV		
	Certification Standard	IEC 62752 EN 61851-21-2:2021	IEC 61000-4-6:2023	
	Electrical Protection	Over voltage protection Over load protection Leakage protection Lightning protection	Under voltage protection Short circuit protection Over temperature protection Ground protection UV resistance	
User interface	Cable Length	5m		
	Cable Jacket	TPU		
	LCD Display	0.96 inches		
Environment	Operating Temperature	-30℃ ~ +50℃		
	Operating Humidity	5%RH-95%RH		
	Operating Altitude	< 2000m		
Package	Product Dimension	199.2mm(L)x86.7mm(D)x57.8mm(H)		
	Weight	3KG-4KG		