

EV CHARGER BROCHURE

Khons makes charging
easy and convenient.



Chengdu Khons Technology Co.,Ltd

Room 7,10th floor,Building 1of Maipu Mansion,No 288,Tianfu 3rd
Street,Chengdu Sichuan Province China

T|+86 28 83128852

E|khons@cnkhons.com

W| www.khonselvse.com



G1 EV CHARGER BROCHURE

G1 User Manual

Mode 2 Portable EV Charger



KHONS-PE-16-1P
 KHONS-PE-32-1P
 KHONS-PA-16-1P
 KHONS-PA-32-1P

Datasheet

Phase	Single phase
Input/output voltage	110~250Va.c.
Frequency	50Hz/60Hz
Max. current	16A/32A
EV connector	Type 1 & Type 2
RCD	Type A
IP degree	IP 54
Operating temperature	-25°C~+50°C
Relative humidity	5%RH~95%RH
Altitude	<2000m
Static power	<2W
Dimension	199.2mm(L)x86.7mm(W)x57.8mm(H)
Standards	IEC/EN 62752
Certificate	CE

1. Appearance



Figure 1 Schematic

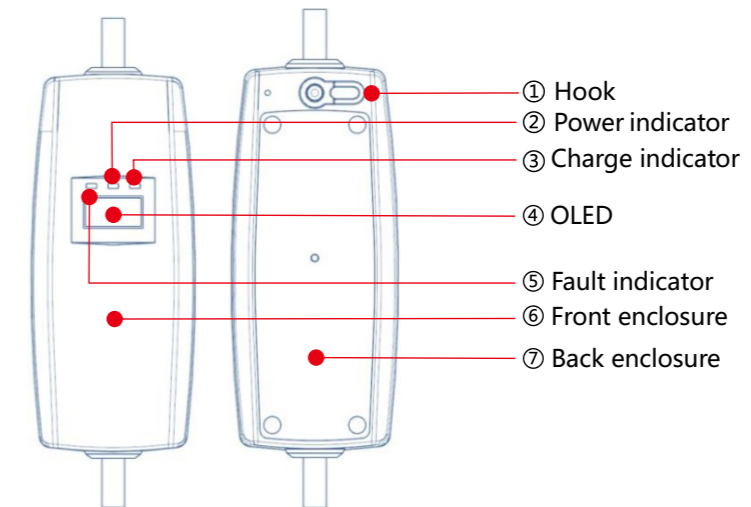


Figure 2 Front and Back of the EV Charger

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

2. Display interface

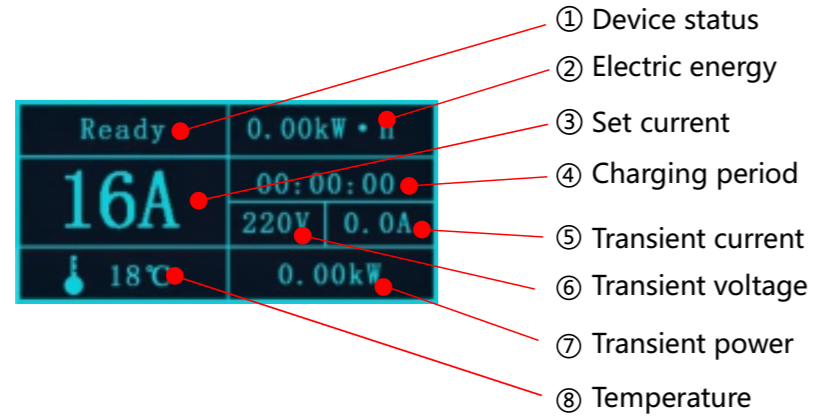





Figure 3 Display interface

Device status	Description
Ready	The wall side plug is plugged into the power supply but the EV connector is disconnected.
Connect	The wall side plug is plugged into the power supply and the EV connector is connected.
Charging	The device is charging.

3. EV charging instruction

Picture	Step	Description
	I	Insert the plug to the power supply.
	II	Shake the IC-CPD to adjust the charging current.
	III	Remove the protective cap of EV connector and insert the EV connector to the socket inlet of Electric vehicle.

Notice 1 The gears of the charging current is cyclic.

Notice 2 The default charging current is the minimum current.

Notice 3 Do not pull out the EV connector directly while the electric vehicle is charging.

4. Warning message

When the IC-CPD works incorrectly, the corresponding parameter(i.e., ⑧ Temperature of figure 3) in the interface of the OLED will blink (i.e., warning message).

Details refer to follow.

Parameters	Description	Solution
Temperature	The temperature of the device beyond 70°C but less than the upper temperature limit 80°C.	Check ambient temperature.

5. Error message

Error Message	Analysis	Solution
Err128 Err112 Err082 Err052	The CP circuit of the IC-CPD or the electric vehicle is faulty.	Close power supply and contact the manufacturer or agent.
Power leak!!!	The leak current of the device beyond the special limits.	
Over current!!!	Output current of the device beyond the 1.3 time rated current.	Close power supply and check electric vehicle.
BOT	The temperature of the device exceeds 80°C.	Check the ambient temperature.
OV	Input voltage of the device exceeds 265Va.c..	Check distribution grid and restart the device.
UV	Input voltage of the device is less than 85Va.c..	



6. Warranty term

The instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the Khons company.

After sales services:

Khons provides life-long technical support. Pls feel free to contact us for any quality issues via email: khons@cnkhons.com or call us via: [+86 28 83128852](tel:+862883128852) or visit our web site to leave a message: www.khonsel.com.