

PEVC2107E (3.7kW - 22kW)

AC Charger

PEVC2107E series is a flexible and high cost-effective EV charger.



- Ideal choice for residential and commercial EV charging
- Stylish, ergonomic and customizable design
- IP55 rated for indoor/outdoor applications
- Optional RFID/App etc. for user identification and management
- Multiple protection to ensure users' safety
- Charger Connector: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
- OCPP 1.6 JSON/OCPP 2.0.1 (Comply with latest OCPP protocol as SINO is the member of OCA)
- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

Applications

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops



Power Specifications

Input Connection	Single-Phase: 1P+N+PE (3-Phase Optional : 3P+N+PE)
Input Voltage	230Vac±10% (400Vac±10% Optional)
Input Current	16A or 32A
Frequency	50Hz or 60Hz
Output Voltage	230Vac±10% (400Vac±10% Optional)
Output Current	16A or 32A
Rated Power	3.7kW - 7.4kW (11kW - 22kW Optional)

User Interface & Control

LCD Display	4.3" Color Touch Screen(Optional)
User Authentication	RFID(ISO/IEC 14443) / APP
LED Indicator	Green/Blue/Red
Charging Connector	IEC 62196-2 Type 2(SAEJ1772 Type 1 Optional)
Energy Measuring	Embedded meter, with 1% accuracy

Communication

Backend	Bluetooth / Wi-Fi (4G / Ethernet Optional)
Backend Protocol	OCPP 1.6 JSON(OCPP2.0.1)

Protection

Residual Current Protection	Type A 30mA+DC 6mA
Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

Operating Temperature	-30℃ - +55℃
Storage Temperature	-40℃ - +85℃
Operating Humidity	Max. 90% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

Mechanical

Product Dimension	270mm*135mm*365mm(W*D*H)
Package Dimension	330mm*265mm*500mm(W*D*H)
Weight	5kg(Net) / 6kg(Gross)
Charging Cable Length	5m (Customizable)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	IEC61851-1, IEC 62196-1, IE62196-2, SAE J1772-2017
Safety	CE

