

PEVC2107E 7kW/11kW/22kW

AC EV Charger Commercial Series

PEVC2107E 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 (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 dealer workshops
- EV infrastructure operators and service providers



Power Specifications

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

User Interface & Control

LCD Display	4.3" Color Touch Screen(Optional)
User Authentication	RFID(ISO/IEC 14443) / APP
LED Indicator	Green/Blue/Red
Charger 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 J (OCPP2.x Coming soon)

Protection

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

Environmental

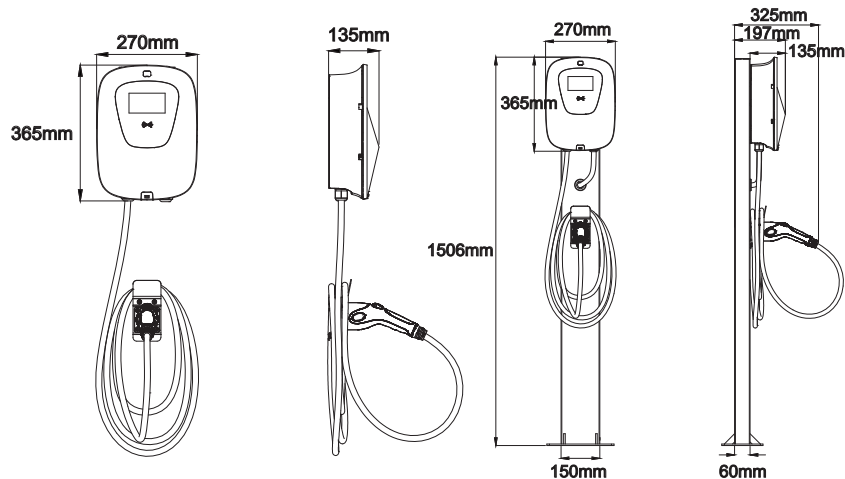
Operating Temperature	-30 ℃ - +50 ℃
Storage Temperature	-40 ℃ - +85 ℃
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

Mechanical

Product Dimension	270mm*135mm*365mm(W*D*H)
Package Dimension	330mm*274mm*500mm(W*D*H)
Weight	5.6kg(Net) / 7.2kg(Gross)
Charging Cable Length	5m (Customizable)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010, IEC/EN 62196-1
Safety	TUV, CE



PEVC2201E 7kW/11kW/22kW

AC EV Charger Commercial Series

PEVC2201E is a high-standard EV Charger which has passed TUV standard tests.



- PEVC2201E has got the TUV certification
- Ideal choice for residential and commercial EV charging
- MID meter makes measurement precise
- Stylish, ergonomic and customizable design
- IP55 rated for indoor/outdoor applications
- Multiple protection to ensure users' safety
- Optional RFID/App etc. for user identification and management
- Charger Connector: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
- OCPP 1.6 JSON (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 dealer workshops
- EV infrastructure operators and service providers



Power Specifications

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

User Interface & Control

LCD Display	4.3" Color Touch Screen(Optional)
User Authentication	RFID(ISO/IEC 14443) / APP
LED Indicator	Green/Blue/Red
Charger Connector	IEC 62196-2 Type 2 (SAEJ1772 Type 1 Optional)

Communication

Backend	Bluetooth / Wi-Fi / Ethernet (4G Optional)
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

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

Environmental

Operating Temperature	-30 ℃ - +50 ℃
Storage Temperature	-40 ℃ - +85 ℃
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

Mechanical

Product Dimension	300mm*154mm*420mm(W*D*H)
Package Dimension	395mm*285mm*500mm(W*D*H)
Weight	5.9kg(Net) / 7.7kg(Gross)
Charging Cable Length	5m (Customizable)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010, IEC/EN 62196-1
Safety	TUV, CE

