

# PEVC2201E (3.7kW - 22kW)

## AC Charger

PEVC2201E series is a high-standard EV Charger which has passed the most strict TUV standard tests.



- PEVC2201E Series 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/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 dealer workshops



## Power Specifications

Input Connection	3-Phase : 3P+N+PE( Single-Phase Optional: 1P+N+PE )
Input Voltage	400Vac $\pm$ 10% ( 230Vac $\pm$ 10% Optional )
Input Current	16A or 32A
Frequency	50Hz or 60Hz
Output Voltage	400Vac $\pm$ 10% ( 230Vac $\pm$ 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
Charging Connector	IEC 62196-2 Type 2(SAEJ1772 Type 1 Optional)

## Energy Measuring 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 $^{\circ}$ C - +55 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C - +85 $^{\circ}$ C
Operating Humidity	Max. 90% RH, Non-Condensing
Operating Altitude	$\leq$ 2000m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

## Mechanical

Product Dimension	300mm*154mm*420mm( W*D*H )
Package Dimension	390mm*280mm*490mm( W*D*H )
Weight	7.5kg( Net ) / 9kg( 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, TUV

