

# PEVC2108E 7kW/11kW/22kW

## AC EV Charger Commercial Series

PEVC2108E is a flexible and high cost-effective EV charger.



- Ideal choice for residential and commercial EV charging
  - Stylish, ergonomic and customizable design
  - IP65 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

User Authentication	RFID( ISO/IEC 14443) / APP
LED Indicator	Green
Charger Connector	IEC 62196-2 Type 2 (SAEJ1772 Type 1 Optional)
Energy Measuring	Embedded meter, with 1% accuracy

## Communication

Backend	Bluetooth / Wi-Fi
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 °C - +50 °C
Storage Temperature	-40 °C - +85 °C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP65, IK08
Cooling Method	Natural Cooling

## Mechanical

Product Dimension	208*102*358mm• W*D*H• •
Package Dimension	270*250*450mm• W*D*H• •
Weight	5.6kg( Net ) / 7.2kg( Gross )
Charging Cable Length	5m ( Customizable )
Mounting	Wall-mount and Stand-mount

## Certifications

Certificate	EN IEC 61851-1:2019/IEC 61851-1:2023/IEC 62955:2018/ IEC 61851-1:2017/IEC 61008-1:2010/EN 61008-1:2012/ IEC 61008-2-1:1990/IEC 61008-2-2:1990
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## frequency

4G LTE frequency	1710-1785 Mhz
Wifi frequency	2.4 Ghz
RFID cards	13.56Mhz

