

PEVC3107E (60kW - 160kW)

Ultra Fast DC Charger

PEVC3107E series is up to 160kW output with CE certifications.



- Multi-standard: CCS1, CCS2, CHAdeMO
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%, Power Factor > 0.98
- Multiple protection to ensure users' safety
- 7 inches color touch screen with user friendly interface
- OCPP 1.6 JSON/OCPP 2.0.1 (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54, for indoor and outdoor applications
- Customization available



Applications

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



Power Specifications

Input Connection	3-Phase : 3P+N+PE
Input Voltage	400Vac ±10%
Frequency	50Hz or 60Hz
THDi	≤5%
Power Factor	≥0.98
Output Voltage	150Vdc - 1000Vdc
Max. Output Current	200A (250A Optional)
Rated Power	60kW - 160kW

User Interface & Control

LCD Display	7" Color Touch Screen(12" Customization)
User Authentication	RFID(ISO/IEC 14443)(APP/ Credit Card Customization)
LED Indicator	Green/Blue/Red
Charging Connector	CCS2 (CCS1 / CHAdeMO Optional)
Number of Charging Interface	1 or 2
Energy Measuring	DC meter, with 1% accuracy

Communication

Backend	Ethernet(4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
Backend Protocol	OCPP 1.6 JSON(OCPP2.0.1)

Protection

Residual Current Device	Yes
Internal Fuse	Yes
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℃ - +75℃
Operating Humidity	Max. 90% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

Mechanical

Product Dimension	700mm*550mm*1800mm(W*D*H)
Package Dimension	950mm*720mm*1950mm(W*D*H)
Charging Cable Length	5m (Customizable)
Weight	237.5kg(Net) / 244.5kg(Gross)
Mounting	Free Standing

Certifications

Certificate	IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24
Safety	CE
EMI	Class A

