## 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



CCS

CCS





**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

Internal Fuse Yes
Electrical Protection Over

Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground

Fault, Surge Protection

**Environmental** 

Operating Temperature -30°C - +55°C Storage Temperature -40°C - +75°C

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

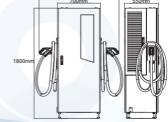
Certifications

Safety

Certificate IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23,

IEC61851-24

EMI Class A





OEM & ODM are available Please contact us at info.sino@pmac.com.cn for more informations.