

# PEVC3108E (360kW)

## Ultra Fast DC Charger



- 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  $\geq 0.98$
- Multiple protection to ensure users' safety
- 7 inches color touch screen with user friendly interface
- OCPP 1.6 JSON ( 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 $\pm$ 10%
Frequency	50Hz or 60Hz
THDi	$\leq$ 5%
Power Factor	$\geq$ 0.98
Output Voltage	150Vdc - 1000Vdc
Max. Output Current	380A
Rated Power	360kW

## 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
Charger 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 J (OCPP2.x Coming soon)

## Protection

Residual Current Device	Yes
Internal Fuse	Yes
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 $^{\circ}$ C - +50 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C - +75 $^{\circ}$ C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	$\leq$ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

## Mechanical

Product Dimension	1958*750*750mm
Package Dimension	1010*920*2080mm+980*610*980mm
Charging Cable Length	5 meter
Weight	590kg(Gross weight)
Mounting	Free Standing

## Certifications

Certificate	IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24
Safety	TUV OCA

