

# PEVC3401E (30kW)

## Fast DC Charger

PEVC3401E series is a space saving and high cost-effective 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 > 0.98
- Multiple protection to ensure users' safety
- 4.3 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
- Customization available
- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

CCS2

CCS1

CHAdeMO



## Applications

- 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	100A
Rated Power	30kW

## User Interface & Control

LCD Display	4.3" Color Touch Screen
User Authentication	RFID (ISO/IEC 14443)( APP/ Credit Card Customization )
LED Indicator	Green/Blue/Red
Charging Connector	CCS2 ( CCS1 / CHAdeMO Optional )
Energy Measuring	DC meter, with 1% accuracy

## Communication

Backend	Bluetooth / Wi-Fi (4G / Ethernet 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	$\leq$ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

## Mechanical

Product Dimension	640mm*160mm*550mm( W*D*H )
Package Dimension	808mm*348mm*748mm( W*D*H )
Charging Cable Length	5m ( Customizable )
Weight	80kg( Net ) / 85.7kg( Gross )
Mounting	Wall-mount and Stand-mount

## Certifications

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

