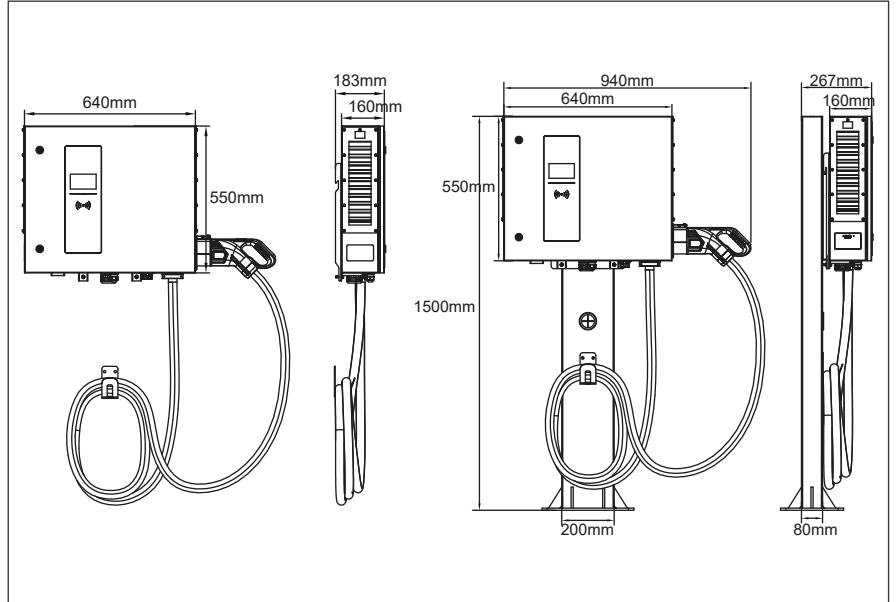# Fast DC EV Charger 30kW

Space Saving and high cost-effective DC Charger

CCS2
CCS1
CHAdeMo

- 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%

- Multiple protection to ensure users' safety

- 4.3 inches color touch screen with user friendly interface

- IK10& IP54

- Customization available

- 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

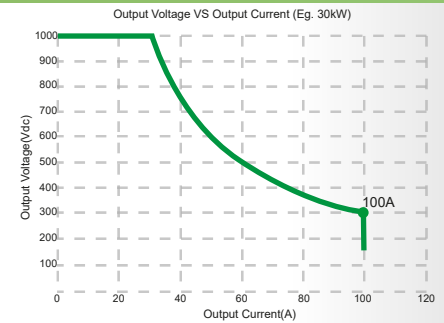- EV infrastructure operators, service providers & EV dealer workshops

Fast DC EV Charger 30kW

Space Saving and high cost-effective DC Charger

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	100A (125A CHAdeMO)
Rated Power	30kW

Output Voltage VS Output Current (Eg. 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
Charger Connector	CCS2 (CCS1 / CHAdeMO Optional)
Energy Measuring	DC meter, with 1% accuracy

Communication

Backend	Ethernet / Bluetooth / Wi-Fi (4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Protection	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 ℃ - +50 ℃
Storage Temperature	-40 ℃ - +75 ℃
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

Mechanical

Product Dimension	640mm*160mm*550mm (W*D*H)
Package Dimension	808mm*438mm*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