














# 120kW Free Standing DC Fast Charger



## Features

-  Multi-Standard: CCS, CHAdeMO and GB/T ; Simultaneous DC harging. Optional Fan Cooled 300A Charging Connector
-  Network or Standalone Operation
-  User Authentication
-  Optional Cable Management Accessories
-  Supports Smart Charging and Load Balancing
-  Efficiency > 94%
-  PF > 0.99 (APFC)
-  Customization Available
-  LCD 7-inch LCD Screen with User Friendly Interface
-  IK10 (Not including screen and RFID module), IP55, NEMA 3R
-  OCPP 1.6 JSON (Upgradeable to 2.0)


## Cable Management

Please refer to accessory information.



## Applications

- Parking Garages
- Commercial Fleet Operators
- EV Dealer Workshops
- EV Infrastructure Operators and Service Providers
- Gas/Service Stations

Model Name		DC 120 Series
Safety		NRTL – cETLus (USA/Canada )
Picture		
<b>Power Specification</b>		
AC Input	Input Rating	3Φ_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System: 3Φ194A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94% (at optimize V/I point)
DC Output	Output Voltage Range	CCS1:150~950Vdc CHAdEMO: 150~500Vdc
	Max. Output Current	CHAdEMO: 120A@500V CCS1: 200A@600V, optional 300A
	Max. Output Power	DC System: 120kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%
<b>User Interface &amp; Control</b>		
Display	7" TFT-LCD	
Push Buttons	Operation Button/Emergency Stop Button	
User Authentication	RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
<b>Communication</b>		
External	Ethernet, Wi-Fi & 4G	
Internal	CAN bus / RS485	
<b>Environmental</b>		
Operating Temperature	-30°C~50°C (-22°F ~ +122°F)	
Humidity	5%~95% RH, Non-Condensing	
Altitude	≤ 2000m (6562ft)	
IP/IK Level	NEMA 3R IK10 (not including screen & RFID module)	
Cooling Method	Fan Cooling	
<b>Mechanical</b>		
Cabinet Dimension(W x D x H)	800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
Weight	≤ 420kg (926lbs) ±1%	
Cable Length	4.5m (15ft)/Optional 7m (23ft)	
<b>Protection</b>		
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
<b>Regulation</b>		
Certification	UL 2202, UL2231, EnergyStar™	
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118, GB/T 27930	