Features

- Optional non-Liquid-cooled 500A charging connector*
- Simultaneous 2 DC Charging
- Multi-standard: CCS, CHAdeMO and GB/T
- Network or standalone operation
- User authentication
- Optional cable management accessories
- Supports smart charging and load balancing
- Efficiency > 94%; PF >0.99 (APFC)
- 7-inch LCD screen with user friendly interface
- OCPP 1.6 JSON
- IK10/NEMA 3R(Not including screen and RFID module), IP55
- Customization available
- Eichrect compliant: Q3/2021 LEM mater, Eichrecht certification TBD starting Q4/2021

Applications

- Parking Garage
- Commercial fleet
- EV infrastructure operators and service

| FSP SERIES

120kW DC Fast Charger

Model Name	FSP1200
Safety	NRTL - cETLus
Picture	

Power Specification

AC Input	Input Rating	3 Φ_480Vac (+10%,-15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System:3 Φ170A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%, at optimize VI/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%

User Interface & Control

Display	7" TFT-LCD
Push Buttons	Operation button/Emergency stop button
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeLiCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile Payment

Communication

External	Ethernet, Wi-Fi, and 4G
Internal	CAN bus/RS485

Environmental

Operating Temperature	-30°C~50°C, will derating from 50°C and above
Humidity	5%~95% RH, non-condensing
Altitude	≤ 2000M
IP/IK Level	• NEMA 3R/IK10 • (not including screen and RFID module)
Cooling Method	Fan cooling

Mechanical

Cabinet Dimension(W x D x H)	800 x 650 x 1900mm ±1%
Weight	≤ 420kg ±1%
Cable Length	4m

Protection

Input Protection	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD

Regulation

Certificate	UL 2202, UL2231
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930