



## 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




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For pricing & information:

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Model Name	FSP1200	
Safety	NRTL - cETLus	
Picture		
<b>Power Specification</b>		
AC Input	Input Rating	3 $\Phi$ 480Vac (+10%,-15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System:3 $\Phi$ 170A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%, at optimize VI/point
DC Output	Output Voltage Range	<ul style="list-style-type: none"> <li>CCS1: 150~950Vdc</li> <li>CHAdeMO: 150~500Vdc</li> </ul>
	Max. Output Current	<ul style="list-style-type: none"> <li>CHAdeMO 120A@500V</li> <li>CCS1:200A@600V, optional 300A</li> </ul>
	Max. Output Power	DC System: 120kW
	Voltage Accuracy	$\pm$ 2%
	Current Accuracy	$\pm$ 2%
<b>User Interface &amp; Control</b>		
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	
<b>Communication</b>		
External	Ethernet, Wi-Fi, and 4G	
Internal	CAN bus/RS485	
<b>Environmental</b>		
Operating Temperature	-30°C~50°C, will derating from 50°C and above	
Humidity	5%~95% RH, non-condensing	
Altitude	$\leq$ 2000M	
IP/IK Level	<ul style="list-style-type: none"> <li>NEMA 3R/IK10</li> <li>(not including screen and RFID module)</li> </ul>	
Cooling Method	Fan cooling	
<b>Mechanical</b>		
Cabinet Dimension(W x D x H)	800 x 650 x 1900mm $\pm$ 1%	
Weight	$\leq$ 420kg $\pm$ 1%	
Cable Length	4m	
<b>Protection</b>		
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
<b>Regulation</b>		
Certificate	UL 2202, UL2231	
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930	