



FSP SERIES

# 30kW Wall Mount DC Fast Charger



## Features

- Multi-standard: CCS and CHAdeMO
- Network or standalone operation
- User authentication
- 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

## Applications

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



For FSP300 accessories contact your representative.



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**For pricing & information:**

sales@turnongreen.com 1-877-634-0982

Model		FSP300
<b>Power Specification</b>		
AC Input	Input Voltages	3 $\Phi$ 480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (WYE Configuration), TN/TT
	Max. Input Power	33kVA
	Max. Input Current	3 $\Phi$ @ 40A ( $\pm$ 1%)
	Frequency	50Hz/60Hz
	Power Factor	>0.99 @ full load
	Efficiency	$\geq$ 94%
DC Output	Charging Ports	2
	Max. Output Power	30kW
	Output Voltage	CCS1: 150~950Vdc, CHAdeMO: 150~500Vdc
	Voltage Accuracy	$\pm$ 2%
	Max. Output Current	CCS1: 60A@150Vdc ~ 500Vdc; 31.5A@950Vac, CHAdeMO: 60A@500Vdc
	Current Accuracy	$\pm$ 2%
	Dual Charge Load Balancing	-
<b>User Interface &amp; Control</b>		
Back end Support	OCPP 1.6-JSON	
User Authentication	RFID Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, APP, Mobile Payment	
Buttons	-	
Voltage Accuracy	7 inch LCD	
<b>Communication</b>		
External	Ethernet, Wi-Fi, and 4G	
Internal	CAN bus/RS485	
<b>Regulation</b>		
Safety Compliance	UL2202, UL2231-1, UL2231-2, CSA C22.2 2 107.1	
EMC Compliance	U.S.: FCC part 15, Class B	
Plug-Out Detection	JEVS G104 (CHAdeMO), SAE J2931 (CCS1)	
Charging Interface	CCS DIN 70121; CHAdeMO Ver 1.2	
Safety Mark	NRTL - cETLus	
<b>Protection</b>		
Input	OVP, OPP, UVP, SPD	
Output	SCP, OCP, OVP, LVP, OTP, IMD	
Internal	OTP, AC contactor detection, DC contactor detection, Fuse detection	
Load Management	Via OCPP 1.6 JSON	
<b>Environmental Conditions</b>		
Operating Temperature	-30°C to 50°C (-22°F to 122°F)	
Storage Temperature	-40°C to 70°C (-40°F to 158°F)	
Humidity	5%~95% RH, non-condensing	
Altitude	$\leq$ 2000 m (6560 ft)	
<b>Mechanical Specifications</b>		
DC Charging Connector Type	CCS1 / CHAdeMO	
Charging Cable Length	5 m (16 ft)	
Dimension(W x D x H)	610 x 230 x 690 mm $\pm$ 1% (24 x 9 x 27 Inch)	
Weight	Single Plug: 80 Kg $\pm$ 1% (97 Lbs.); Dual Plugs: 88 Kg $\pm$ 1% (194 Lbs.)	
Cooling Method	Force Air	
Ingression Protection	IP55 / NEMA Type 3R	
Anti-Vandalism	IP55/IK10 (Not including LCD screen and RFID module)	
Overhead Cable Management	-	