



| FSP SERIES

60kW DC Fast Charger

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



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For pricing & information:

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Model		FSP600
Power Specification		
AC Input	Input Voltages	3Φ 480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (WYE Configuration), TN/TT
	Max. Input Power	67kVA
	Max. Input Current	3Φ @ 100A (±1%)
	Frequency	50Hz/60Hz
	Power Factor	>0.99 @ full load
	Efficiency	≥94%
DC Output	Charging Ports	2
	Max. Output Power	60kW
	Output Voltage	CCS1: 150~950Vdc, CHAdeMO: 150~500Vdc
	Voltage Accuracy	±2%
	Max. Output Current	CCS1: 120A@150Vdc ~ 500Vdc; 63A@950Vac, CHAdeMO: 120A@150Vdc ~ 500Vdc
	Current Accuracy	±2%
	Dual Charge Load Balancing	0% , 50% , 100%
User Interface & Control		
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		Right Button: Select charging connector, Left Button: Home / Stop charge
Voltage Accuracy		7 inch LCD
Communication		
External		Ethernet, Wi-Fi, and 4G
Internal		CAN bus/RS485
Regulation		
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
Protection		
Input		OVP, OCP, OPP, OTP, UVP, RCD, SPD
Output		OCP, OVP, UVP, OTP, IMD
Internal		OTP, AC contactor detection, DC contactor detection, Fuse detection
Load Management		Via OCCP 1.6 JSON
Environmental Conditions		
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		≤ 2000 m (6560 ft)
Mechanical Specifications		
DC Charging Connector Type		CCS1 / CHAdeMO
Charging Cable Length		4.5 m (15 ft) or 7 m (23 ft)
Dimension(W x D x H)		700 x 331 x 1800 mm ±1% (28 x 13 x 71 Inch)
Weight		235 Kg ±1% (518 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		8 ft