

TurnOnGreen FSP Series

DC Fast Charger



90-180kW



Network
Capable



Universal
Compatibility



UL Listed
for Safety



Fast Charging



Dual Charging



Force Air
Cooling



Cable Management
Available

Safety	NRTL - cETLus (USA/Canada)	
AC Input	Input Rating	3Φ480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max Input Current	DC System: 3Φ116A
	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/CCS1:120A@500Vdc CCS1:200A@450Vdc
	Max Output Power	DC 90kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%
Display	7" LCD Display	
Buttons	Operation buttons / Emergency stop button	
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment	
External Communication	Ethernet, Wi-Fi and 4G	
Internal Communication	CAN bus/ RS485	
Operating Temp	-22°F to +122°F (-30°C to +50°C)	
Humidity	5%~95% RH, non-condensing	
Altitude	≤ 6,560 feet (2000 m)	
IP/IK Level	NEMA 3R	
Cooling Method	Fan cooling	
Dimensions (WxDxH)	32 x 26 x 75 inch (800 x 650 x 1900 mm)	
Weight	860 lbs. (390kg) ±1%	
Cable Length	15 feet (4.5 m) / 23 feet (7.0m)	
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Certificate	UL 2202, UL2231	
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118	

Width:
32 in/ 800mm



Height:
70.9 in/ 1800mm



Depth:
26 in/ 331mm

Safety	NRTL - cETLus (USA/Canada)	
AC Input	Input Rating	3Φ480Vac (+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/CCS1:120A@500Vdc CCS1:200A@600Vdc, optional 300A
	Max Output Power	DC 120kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%
Display	7" LCD Display	
Buttons	Operation buttons / Emergency stop button	
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment	
External Communication	Ethernet, Wi-Fi and 4G	
Internal Communication	CAN bus/ RS485	
Operating Temp	-22°F to +122°F (-30°C to +50°C)	Depth: 26 in/ 331mm
Humidity	5%~95% RH, non-condensing	
Altitude	≤ 6,560 feet (2000 m)	
IP/IK Level	NEMA 3R	
Cooling Method	Fan cooling	
Dimensions (WxDxH)	32 x 26 x 75 inch (800 x 650 x 1900 mm)	
Weight	926 lbs. (420kg)	
Cable Length	15 feet (4.5 m) / 23 feet (7.0m)	
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Certificate	UL 2202, UL2231	
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118	

Width:
32 in/ 800mm



Height:
70.9 in/ 1800mm



Safety	NRTL - cETLus (USA/Canada)	
Input Rating	3Φ480Vac (+10%, -15%)	
AC Input Connection	3P+N+PE (Wye configuration), TN/TT	Width: 32 in/ 800mm
Max Input Current	DC System: 3Φ194A	
Frequency	50Hz/60Hz	
Power Factor	>0.99	
Efficiency	>94%, at optimize V/I point	
Output Voltage Range	CCS1:150~950Vdc CHAdEMO:150~500Vdc	Height: 70.9 in/ 1800mm
Max Output Current	CHAdEMO/CCS1:120A@500Vdc CCS1:200A@750Vdc, optional 300A	
Max Output Power	DC 150kW	
Voltage Accuracy	±2%	
Current Accuracy	±2%	
Display	7" LCD Display	
Buttons	Operation buttons / Emergency stop button	
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment	
External Communication	Ethernet, Wi-Fi and 4G	
Internal Communication	CAN bus/ RS485	
Operating Temp	-22°F to +122°F (-30°C to +50°C)	Depth: 26 in/ 331mm
Humidity	5%~95% RH, non-condensing	
Altitude	≤ 6,560 feet (2000 m)	
IP/IK Level	NEMA 3R	
Cooling Method	Fan cooling	
Dimensions (WxDxH)	32 x 26 x 75 inch (800 x 650 x 1900 mm)	
Weight	1,014 lbs. (460kg)	
Cable Length	15 feet (4.5 m) / 23 feet (7.0m)	
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Certificate	UL 2202, UL2231	
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118	



Safety	NRTL - cETLus (USA/Canada)	
AC Input	Input Rating	3Φ480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max Input Current	DC System: 3Φ232A
	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/CCS1:120A@500Vdc CCS1:200A@900Vdc, optional 300A
	Max Output Power	DC 180kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%
Display	7" LCD Display	
Buttons	Operation buttons / Emergency stop button	
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment	
External Communication	Ethernet, Wi-Fi and 4G	
Internal Communication	CAN bus/ RS485	
Operating Temp	-22°F to +122°F (-30°C to +50°C)	
Humidity	5%~95% RH, non-condensing	
Altitude	≤ 6,560 feet (2000 m)	
IP/IK Level	NEMA 3R	
Cooling Method	Fan cooling	
Dimensions (WxDxH)	32 x 26 x 75 inch (800 x 650 x 1900 mm)	
Weight	1,102 lbs. (500kg)	
Cable Length	15 feet (4.5 m) / 23 feet (7.0m)	
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Certificate	UL 2202, UL2231	
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118	

Width:
32 in/ 800mm



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