

# TurnOnGreen® FSP900-1800

Specifications and Ordering Information



## Ordering Information

The product codes below represent TurnOnGreen product configurations. Please contact TurnOnGreen sales for additional information.

Communicate the specific product code below to the representative. [sales@turnongreen.com](mailto:sales@turnongreen.com)

## Hardware

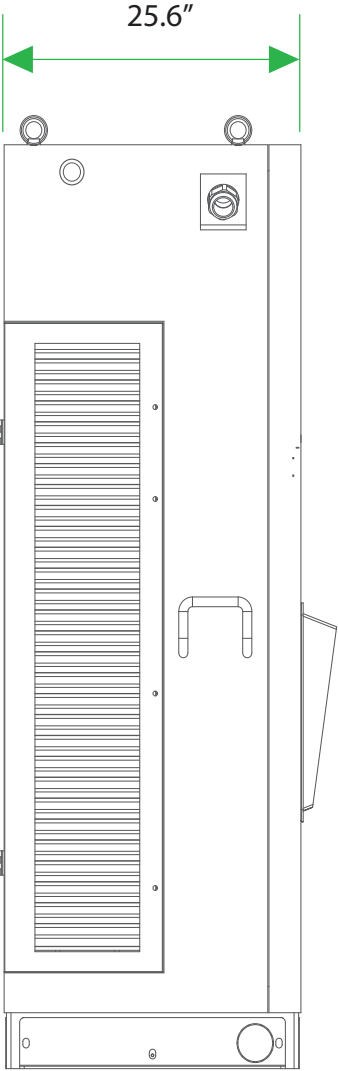
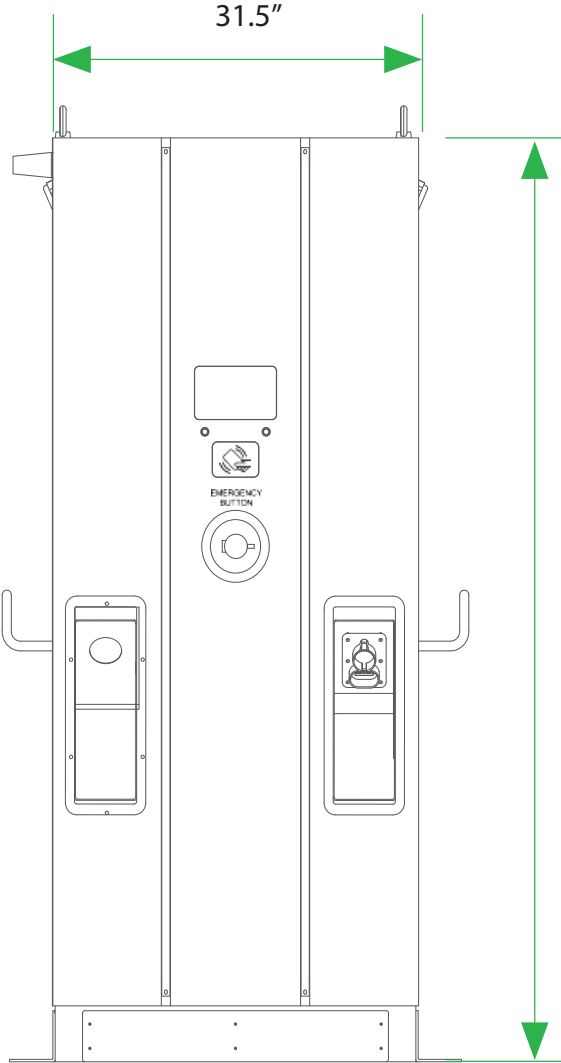
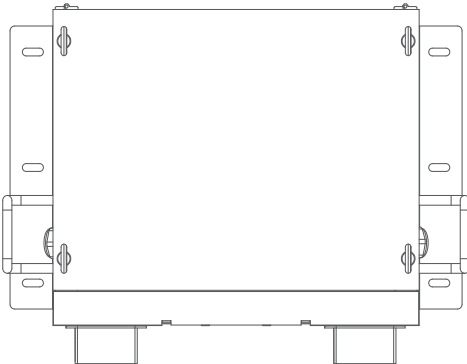
Description	Product Code	
Model	60kW, DC Fast Charger with Dual Plugs, CCS1 with 4.5m Cable	CPVDC-60KW-2-CCS-4.5M
	60kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPVDC-60KW-2-CCS-7M
	60kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 4.5m Cable	CPVDC-60KW-CCS-CHA-4.5M
	60kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 7m Cable	CPVDC-60KW-CCS-CHA-7M
	90kW, DC Fast Charger with Dual Plugs, CCS1 with 4.5m Cable	CPEVDC-90KW-2-CCS-4.5M
	90kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-90KW-2-CCS-7M
	90kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 4.5m Cable	CPEVDC-90KW-CCS-CHA-4.5M
	90kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 7m Cable	CPEVDC-90KW-CCS-CHA-7M
	120kW, DC Fast Charger with Dual Plugs, CCS1 with 4.5m Cable	CPEVDC-120KW-2-CCS-4.5M
	120kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-120KW-2-CCS-7M
	120kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 4.5m Cable	CPEVDC-120KW-CCS-CHA-4.5M
	120kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 7m Cable	CPEVDC-120KW-CCS-CHA-7M
	150kW, DC Fast Charger with Dual Plugs, CCS1 with 4.5m Cable	CPEVDC-150KW-2-CCS-4.5M
	150kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-150KW-2-CCS-7M
	150kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 4.5m Cable	CPEVDC-150KW-CCS-CHA-4.5M
	150kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-150KW-CCS-CHA-7M
	180kW, DC Fast Charger with Dual Plugs, CCS1 with 4.5m Cable	CPEVDC-180KW-2-CCS-4.5M
	180kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-180KW-2-CCS-7M

Description		Product Code
Model	180kW, DC Fast Charger with Dual Plugs, CCS1 and CHAdeMO with 4.5m Cable	CPEVDC-180KW-CCS-CHA-4.5M
	180kW, DC Fast Charger with Dual Plugs, CCS1 with 7m Cable	CPEVDC-180KW-CCS-CHA-7M
	Cable management system for FSP900-1800 L3 DCFC	CPEVDC-CBL-MGT-2-CCS- 120K
	DCFC payment device supporting Credit Card, RFID Card and NFC	CEVDC-PAY-DVC-BEZEL-8

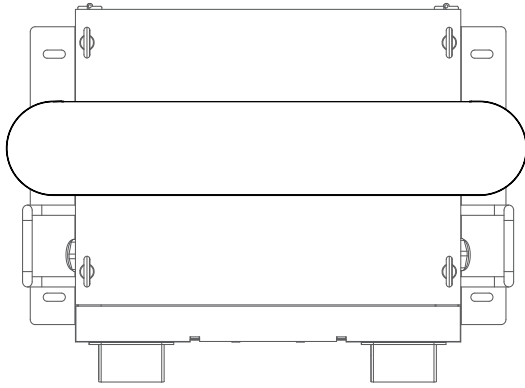
## Software and Services

Description	Product Code
TurnOnGreen Network Services Plan	TOG-ONE-NTWK-ANNUAL-1
TurnOnGreen Fleet Network Services Plan - 10 ports	TOG-FLT-NTWK-ANNUAL-10
TurnOnGreen Fleet Network Services Plan - 11-24 ports	TOG-FLT-NTWK-ANNUAL-24
TurnOnGreen Fleet Network Services Plan - 25-36 ports	TOG-FLT-NTWK-ANNUAL-36
TurnOnGreen Operations and Maintenance Plan - 10 ports	TOG-FLT-O&M-ANNUAL-10
TurnOnGreen Operations and Maintenance Plan - 11-24 ports	TOG-FLT-O&M-ANNUAL-24
TurnOnGreen Operations and Maintenance Plan - 25-36 ports	TOG-FLT-O&M-ANNUAL-36

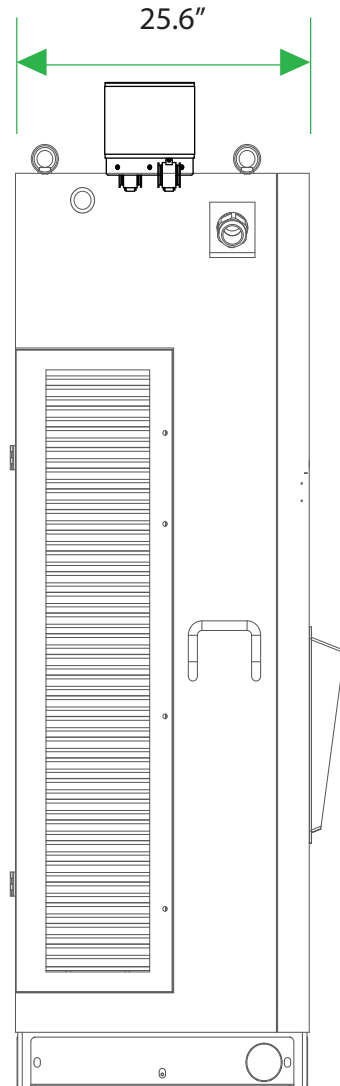
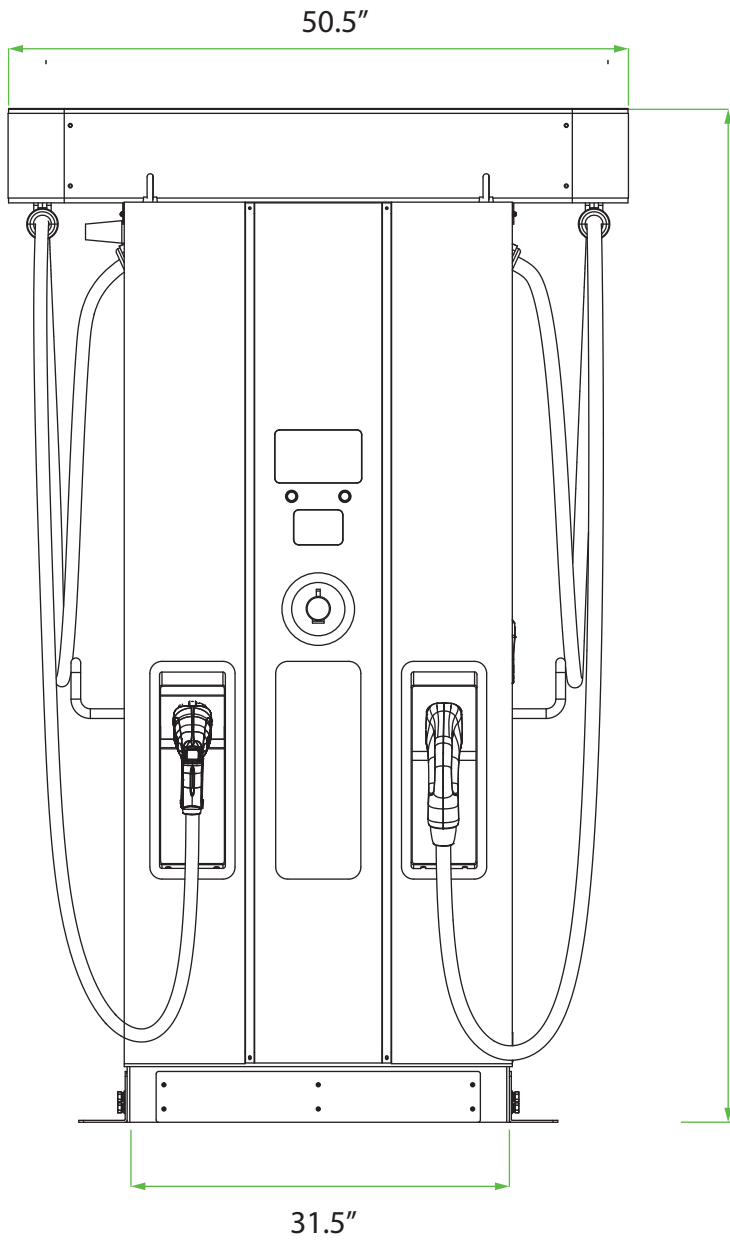
# Architectural Drawings and Dimensions



# Architectural Drawings and Dimensions

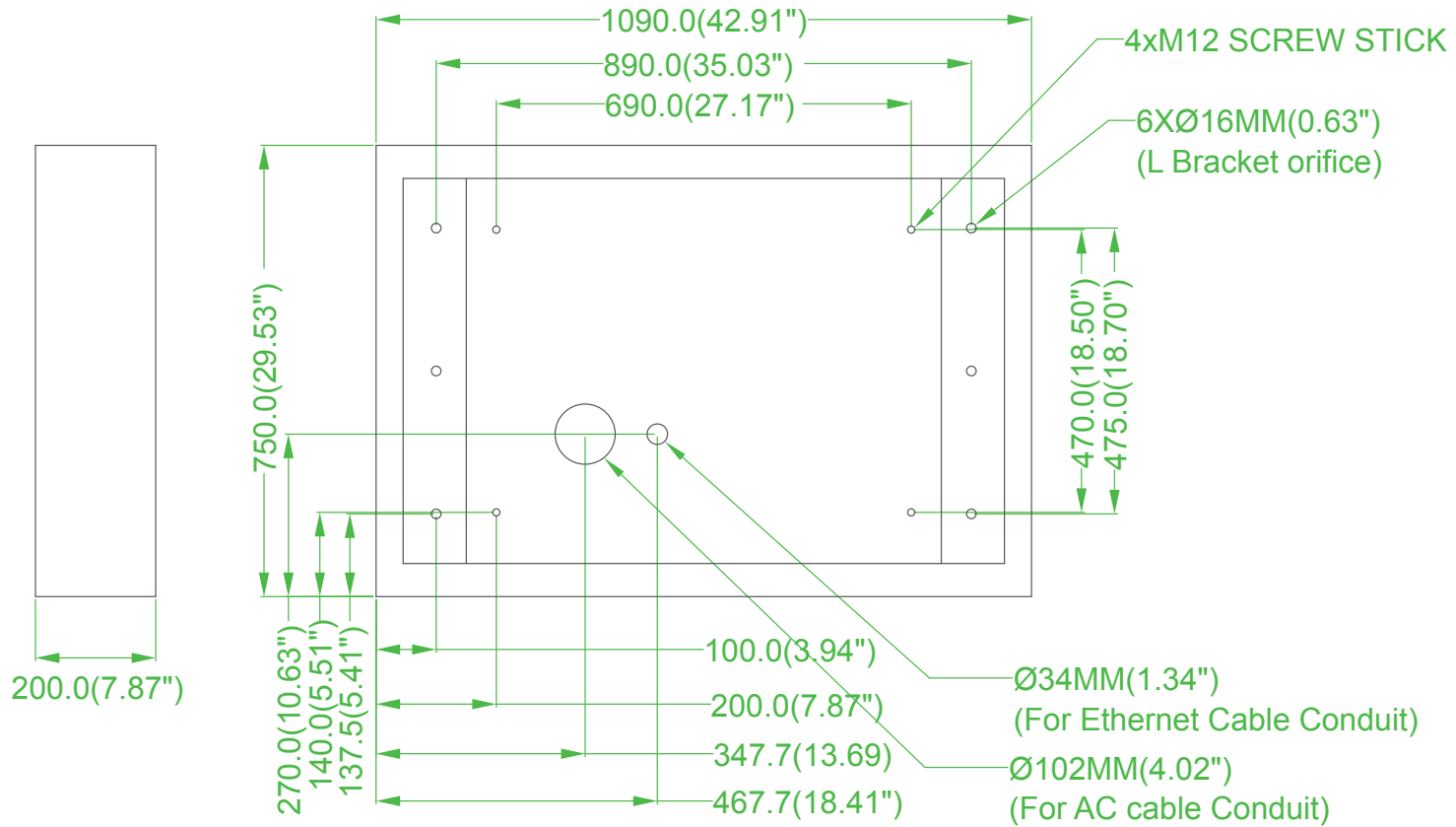


CPEVDC-CBL-MGT-2-CCS- 120K



# Architectural Drawings and Dimensions

Concrete Pad Dimensions



## General Specifications - FSP900

Installation assistance and information available upon request. Contact [info@turnongreen.com](mailto:info@turnongreen.com) for more information.

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	

# General Specifications - FSP1200

Installation assistance and information available upon request. Contact [info@turnongreen.com](mailto:info@turnongreen.com) for more information.

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)	
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	



## General Specifications - FSP1500

Installation assistance and information available upon request. Contact [info@turnongreen.com](mailto:info@turnongreen.com) for more information.

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@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)	
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	

## General Specifications - FSP1800

Installation assistance and information available upon request. Contact [info@turnongreen.com](mailto:info@turnongreen.com) for more information.

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



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