





180kW Free Standing DC Fast Charger



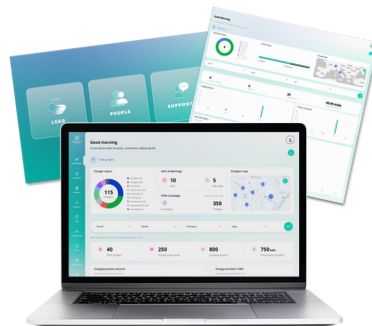
Product Highlights

-  7-inch TFT LCD Screen with User Friendly Interface
-  Indicator LED's (Available, Charging, & Error)
-  Dual Gun, Dual Charging
-  Standard 2-Year Parts Only Warranty
- Up to 180kW per output with fan cooling
- User authentication with credit card reader & RFID card (optional)
- Supports load balancing
- ISO15118 (Plug&Charge)
- Compliant with all local/regional regulations (CSA, Energy Star, FCC, & uL)

Recommended Accessories



Cable Management System



Charge Point Management System (CPMS)



5-Year Extended Warranty Available

DIMENSIONS

180kW Free Standing DC Fast Charger



Installation requires a 36-inch perimeter.

SPECIFICATIONS

180kW Free Standing DC Fast Charger

		UL
AC Input	Input Voltage	3 Φ _480Vac (+10%, -15%)
	Input Current Rating	233A @277Vac 274A@ 235Vac
	Electrical Distribution	3P+ N+ PE (Wye Connection)
	Power Grid System	TN/TT
	Frequency	50/60Hz
	Max. Input Power	196 kVA
	Power Factor	> 0.99
	Efficiency	94%, at optimize V/I point
	SCCR	35kA, optional for 65kA
DC Output	Outage Voltage Range	DC 150 ~ 950V (CCS) DC 150 ~ 500V (CHAdEMO)
	Maximum Output Voltage	**CCS1 300A@150Vdc ~ 600Vdc when output voltage up to 950Vdc the output current is 189A **CHAdEMO 120A@150Vdc ~ 500Vdc
	Maximum Output Current	180kW
	Simultaneously Output Mode	Each connector will get 50% output power when plug in simultaneously; And one of two connected vehicles is fully charged, all power is diverted to the remaining charging plug (the finished plug must be removed from vehicles). *CHAdEMO max. is 60KW
	Voltage Accuracy	\pm 2%
	Current Accuracy	\pm 2%
Electrical Isolation	Isolation between input and output	
Standby Power	< 100W	
Communication	External	Ethernet (RJ 45), Wi-Fi & 4G
	Internal	CAN Bus/RS485
Input Protection	OVP*1, OCP*2, OPP*3, UVP*4, RCD*5, SPD*6	
Output Protection	OCP, OVP, LVP*7, OTP*8, IMD*9	



SPECIFICATIONS CONT.

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Internal Protection	OTP, AC contactor detection, DC contactor detection, Fuse detection	
Load Management	Via OCCP 1.6 JSON	
User Interface & Control	Display	7-inch LCD
	Button	Right Button: Select charging connector. Left Button: Home / Stop charge
	User Authentication	RFID: Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), Backend OCCP: 2D barcode, APP, Mobile Payment
	Backend Support	OCCP 1.6 JSON
Environmental Conditions	Operation Temperature	-30°C to 50°C (-22°F to 122°F), will derating from 50°C (122°F) and above
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Relative Humidity	5%~95% RH, non-condensing
	Altitude	≤ 2000m (6560ft)
Regulations	Safety	UL2202, UL2231
	EMI/EMC	FCC CFR Title 47 Part 15 Subpart B: 2020 ANSI C63.4: 2014 ICES-003:2020 Issue 7
	Certification(s)	United States: Energy Star, FCC, uL Canada: CSA Mexico: NOM, IFETEL
Mechanical Specifications	Dimensions (WxDxH)	1400x800x1900 mm (55.12"x31.50"x74.80")
	Weight (typ.)	< 1200 kg (2645.55 lb)
	DC Output Interface	Terminals x 4 sets
	Cooling	Natural: Forced air
	Ingression Protection	NEMA3R
	Anti-vandalism	IK10

*1 OVP= Over Voltage Protection

*2 OCP=Over Current Protection

*3 OPP=Over Power Protection

*4 UVP=Under Voltage Protection

*5 RCD=Residual Current Device

*6 SPD=Surge Protection Device

*7 LVP=Low-Voltage Protection

*8 OTP=Over Temperature Protection

*9 IMD=Insulation Monitoring Device

Need Support?

We are available
Monday through Friday,
8AM – 8PM EST

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