

# 60kW Free Standing DC Fast Charger



## Product Highlights



7-inch TFT LCD Screen with User Friendly Interface



Dual Gun, Dual Charging



Indicator LED's (Available, Charging, & Error)



Standard 2-Year Parts Only Warranty

- Up to 60kW 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

### 60kW Free Standing DC Fast Charger



Installation requires a 36-inch perimeter.

# SPECIFICATIONS

## 60kW Free Standing DC Fast Charger

		UL
AC Input	Input Voltage	3Φ_480Vac (+10%, -15%)
	Input Current Rating	78A @277Vac 92A @235Vac
	Electrical Distribution	3P+ N+ PE (Wye Connection )
	Power Grid System	TN/TT
	Frequency	50/60Hz
	Max. Input Power	65 kVA
	Power Factor	> 0.99
	Efficiency	94%, at optimize V/I point
	SCCR	25kA, optional for 65kA
DC Output	Outage Voltage Range	DC 150 ~ 950V (CCS) DC 150 ~ 500V (CHAdeMO) DC 150 ~ 750 (GB/T)
	Maximum Output Current	<b>CCS:</b> 120A@150Vdc ~ 500Vdc when output voltage up to 950Vdc the output current is 63A <b>CHAdeMO:</b> 120A@150Vdc ~ 500Vdc <b>GB/T:</b> 120A@150Vdc ~ 500Vdc when output voltage up to 750Vdc the output current is 80A
	Maximum Output Power	60kW
	Simultaneously Output Mode	0%, 50%, 100% *Each connector will get 50% output power when plug in simultaneously; And one connector will get 100% when another connector finish the charging session or only this connector is plugged in.
	Voltage Accuracy	±2%
	Current Accuracy	±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, OCP, OPP, UVP, SPD	
Output Protection	OCP, OVP, LVP, OTP, IMD	
Internal Protection	OTP, AC Contactor Detection, DC Contactor Detection, Fuse Detection	



## SPECIFICATIONS CONT. 60kW Free Standing DC Fast Charger

<b>Load Management</b>	Via OCCP 1.6 JSON	
<b>User Interface &amp; Control</b>	<b>Display</b>	7-inch LCD
	<b>Button</b>	<b>Right Button:</b> Select charging connector. <b>Left Button:</b> Home / Stop charge
	<b>User Authentication</b>	<b>RFID:</b> Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), <b>Backend OCPP:</b> 2D barcode, APP, Mobile Payment
	<b>Backend Support</b>	OCPP 1.6 JSON
<b>Environmental Conditions</b>	<b>Operation Temperature</b>	-30°C to 50°C (-22°F to 122°F), will derating from 50°C (122°F) and above
	<b>Storage Temperature</b>	-40°C to 70°C (-40°F to 158°F)
	<b>Relative Humidity</b>	5%~95% RH, non-condensing
	<b>Altitude</b>	≤ 2000m (6560ft)
<b>Regulations</b>	<b>Safety</b>	UL2202, UL2231
	<b>EMI/EMC</b>	FCC CFR Title 47 Part 15 Subpart B: 2020 ANSI C63.4: 2014 ICES-003:2020 Issue 7
	<b>Certification(s)</b>	United States: Energy Star, FCC, uL Canada: CSA Mexico: NOM, IFETEL
<b>Mechanical Specifications</b>	<b>Dimensions (WxDxH)</b>	700 x 331 x 1800 mm (28 x 13 x 71 inches)
	<b>Weight (typ.)</b>	< 235 kg(518 lbs), includes two charging guns
	<b>Cooling</b>	Natural: Forced air
	<b>Ingression Protection</b>	NEMA3R
	<b>Anti-vandalism</b>	IK10, excluding LCD & RFID cover

### Need Support?

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

**CALL US**  
**+1 (833) 32-CHARGE**

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