



EVDC-240 (NA) Specifications

Accelerating mass adoption of electric vehicles by
delivering sustainable fast charging solutions that can be
deployed anywhere

EVDC-240 (NA)

240kW DC Fast Charger

FEATURES

- Utilizing the latest in DC fast charging and liquid cooling technology
- Future-proof design with 1000 V max output
- Driver friendly with a 10" LCD touchscreen and simple to use interface
- CHAdeMO, CCS1 and NACS charging configurations
- Ethernet, 4G and Wi-Fi network connectivity
- OCPP 1.6 and ISO 15118 compliant
- Start modes include plug-n-play, RFID card, OCPP and optional POS
- IP54 rated enclosure ideal for a wide range of locations and conditions



SPECIFICATIONS		SPECIFICATIONS CONT..	
Connectors	CHAdeMO + CCS1 NACS + CCS1 CCS1 + CCS1	Start-up Mode	Automatic charging / RFID card / OCPP
Output Power	240 kW (can charge two cars simultaneously at 120 kW each))	POS (Credit Card Reader)	Optional (enabling card payments)
Output Voltage	300 - 1000 V	LCD Display	10 inch touchscreen
Output Max Current	400 A (0 - 400 A variable range)	Protection	Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure
Supply Input	480 Vac	IP rating	IP54
Supply Frequency	60 Hz	Emergency Stop Button	Yes
Input Current	295 A (@ 480 Vac)	Cooling Method	Liquid cooling
Grounding Detection	30 mA	Operating Temperature	-4°F (-20°C) to 122°F (50°C)
Efficiency	≥96% (50%-100% load)	Operating Humidity	5%-95% without condensation
Power Factor	≥0.99	Dimensions (W x D x H)	37.4 x 30.7 x 89.8 (950 x 780 x 2280) inch (mm)
Harmonic Current	<5%	Weight	~638 kg (1407 lbs)
Ripple Voltage	1%	Certification	CE, IEC 61851, ISO 15118
Network Connectivity	Ethernet / 4G / Wi-Fi	MTBF	100,000 hours
Communication Protocol	OCPP 1.6	Warranty	2 years as standard
Charging Cable Length	5 m (16.4 ft)		



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EVDC-240 (EU) Specifications

Accelerating mass adoption of electric vehicles by
delivering sustainable fast charging solutions that can be
deployed anywhere

EVDC-240 (EU)

240kW DC Fast Charger

FEATURES

- Utilizing the latest in DC fast charging and liquid cooling technology
- Future-proof design with 1000 V max output
- Driver friendly with a 10" LCD touchscreen and simple to use interface
- CHAdeMO and CCS2 or dual CCS2 charging cables
- Ethernet, 4G and Wi-Fi network connectivity
- OCPP 1.6 and ISO 15118 compliant
- Start modes include plug-n-play, RFID card, OCPP and optional POS
- IP54 rated enclosure ideal for a wide range of locations and conditions



SPECIFICATIONS		SPECIFICATIONS CONT..	
Connectors	CHAdeMO + CCS2 or CCS2 + CCS2	Start-up Mode	Automatic charging / RFID card / OCPP
Output Power	Charge one EV with up to 240 kW or two EVs at the same time up to 120 kW each)	POS (Credit Card Reader)	Optional (enabling card payments)
Output Voltage	300 - 1000 V	LCD Display	10 inch touchscreen
Output Max Current	400 A (0 - 400 A variable range)	Protection	Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure
Supply Input	400 Vac +/- 10%	IP rating	IP54
Supply Frequency	50 Hz	Emergency Stop Button	Yes
Input Current	353 A (@ 400 Vac)	Cooling Method	Liquid cooling
Grounding Detection	30 mA	Operating Temperature	-4°F (-20°C) to 122°F (50°C)
Efficiency	≥96% (50%-100% load)	Operating Humidity	5%-95% without condensation
Power Factor	≥0.99	Dimensions (W x D x H)	37.4 x 30.7 x 89.8 (950 x 780 x 2280) inch (mm)
Harmonic Current	<5%	Weight	~638 kg (1407 lbs)
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