



EVDC-180 (NA) Specifications

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

EVDC-180 (NA)

180kW DC Fast Charger

FEATURES

- True simultaneous charging - charge two cars at the same time
- 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	180 kW (can charge two cars simultaneously at 90 kW each))	POS (Credit Card Reader)	Optional (enabling card payments)
Output Voltage	300 - 1000 V	LCD Display	10 inch touchscreen
Output Max Current	300 A (0 - 300 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	221 A (@ 480 Vac)	Cooling Method	Forced air 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)	35.4 x 22.4 x 63.0 (900 x 570 x 1600) inch (mm)
Harmonic Current	<5%	Weight	~428 kg (944 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-180 (EU) Specifications

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

EVDC-180 (EU)

180kW DC Fast Charger

FEATURES

- True simultaneous charging - charge two cars at the same time
- 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	180 kW (can charge two cars simultaneously at 90 kW each))	POS (Credit Card Reader)	Optional (enabling card payments)
Output Voltage	300 - 1000 V	LCD Display	10 inch touchscreen
Output Max Current	300 A (0 - 300 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	265 A (@ 400 Vac)	Cooling Method	Forced air 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)	35.4 x 22.4 x 63.0 (900 x 570 x 1600) inch (mm)
Harmonic Current	<5%	Weight	~428 kg (944 lbs)
Ripple Voltage	1%	Certification	CE, IEC 61851, ISO 15118
Network Connectivity	Ethernet / 4G / Wi-Fi	MTBF	100,000 hours
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