



## EVDC-180 (EU) <sup>2nd generation</sup> Specifications

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



ELECTRIC VEHICLE ENERGY STORAGE COMPANY

## EVDC-180 (EU) 2nd generation

### 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..	
<b>Connectors</b>	CHAdeMO + CCS2 or CCS2 + CCS2	<b>POS (Credit Card Reader)</b>	Optional (enabling card payments)
<b>Output Power</b>	180 kW (can charge two cars simultaneously at 90 kW each)	<b>LCD Display</b>	10 inch touchscreen
<b>Output Voltage</b>	300 - 1000 V	<b>Protection</b>	Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure
<b>Output Max Current</b>	250 A (0 - 250 A variable range)	<b>IP rating</b>	IP54
<b>Supply Input</b>	400 Vac (+/- 10%)	<b>Emergency Stop Button</b>	Yes
<b>Supply Frequency</b>	50 Hz	<b>Cooling Method</b>	Forced air cooling
<b>Grounding Detection</b>	30 mA	<b>Operating Temperature</b>	-4°F (-20°C) to 122°F (50°C)
<b>Efficiency</b>	≥96% (50%-100% load)	<b>Operating Humidity</b>	5%-95% without condensation
<b>Power Factor</b>	≥0.99	<b>Dimensions (W x D x H)</b>	35.4 x 22.4 x 63.0 (900 x 570 x 1600) inch (mm)
<b>Harmonic Current</b>	<5%	<b>Weight</b>	~350 kg (770 lbs)
<b>Ripple Voltage</b>	1%	<b>Certification</b>	CE, IEC 61851, ISO 15118
<b>Network Connectivity</b>	Ethernet / 4G / Wi-Fi	<b>MTBF</b>	100,000 hours
<b>Communication Protocol</b>	OCPP 1.6	<b>Warranty</b>	2 years as standard
<b>Charging Cable Length</b>	5 m (16.4 ft)		
<b>Start-up Mode</b>	Automatic charging / RFID card / OCPP		



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