



EVDC-360 (EU) Specifications

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



EVDC-360 (EU)

360kW 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 Connectors CHAdeMO + CCS2 or CCS2 + CCS2 Start-up Mode Automatic charging / RFID card / OCPP Output Power Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each) Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each) LCD Display 10 inch touchscreen Output Voltage 300 - 1000 V Protection Over / under voltage protection, over / under temperature protection, surge protection, surge protection, surge protection, surge protection, surge protection, communication failure Supply Input 380 Vac +/- 10% IP rating IP54 Supply Frequency 50 Hz Emergency Stop Button Yes Input Current 530 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) Ripple Voltage 1% Certification CE, IEC 61851, ISO 15118 Motwork Connectivity Ethernet / 4G / Wi-Fi MTBF <t< th=""><th></th><th></th><th></th><th></th></t<>				
Connectors CCS2 + CCS2 Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each) Output Voltage Output Voltage Output Max Current Supply Input Supply Frequency Input Current 530 A (@ 400 Vac) Cooling Method Crouding Detection Supply Efficiency ≥96% (50%-100% load) Possible Voltage 1% Network Connectivity Communication Protocol Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each) POS (Credit Card Reader) Optional (enabling card payments) Optional (enabling card payments) 10 inch touchscreen Over / under voltage protection, over or / under temperature protection, over / under temperature protection, surge protection, communication failure Protection Protection Protection Protection Protection Over / under voltage protection, over or / under temperature protection, over / under temperature protection, surge protection, somr circuit protection, over / under voltage protection, over / under voltage protection, over / under temperature protection, somr circuit protection, over / under temperature protection, somr circuit protection, commination fallure Protection Over / under temperature protection, over / under temperature protection, over / under temperature protection, commination fallure Protection Over / under temperature protection, commination fallure Protection Over / under temperature protection, commination fallure Protection Over / under temperature protect	SPECIFICATIONS		SPECIFICATIONS CONT	
Output Power Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each) Output Voltage 300 - 1000 V Output Max Current 400 A (0 - 400 A variable range) Supply Input 380 Vac +/- 10% Supply Frequency 50 Hz Input Current 530 A (@ 400 Vac) Grounding Detection 30 mA Operating Temperature 44° F (-20°C) to 122°F (50°C) Efficiency 296% (50%-100% load) Power Factor 20.99 Harmonic Current 5% Ripple Voltage 1% Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol Charge one EV with up to 360 kW without condensation 410 inch foundscard payments) LCD Display 10 inch touchscreen Over / under voltage protection, over / under temperature protection, over / under temperature protection, surge protection, surge protection, some / under temperature protection, surge protection, surge protection, some / under temperature protection, surge protection, some include protection, over / under voltage protection, over / under temperature over / under temperature over /		CCS2 + CCS2 Charge one EV with up to 360 kW or two EVs at the same time up to 180 kW each)	Start-up Mode	Automatic charging / RFID card / OCPP
Output Power or two EVs at the same time up to 180 kW each) LCD Display 10 inch touchscreen Output Voltage 300 - 1000 V Protection Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure Supply Input 380 Vac +/- 10% IP rating IP54 Supply Frequency 50 Hz Emergency Stop Button Yes Input Current 530 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 ~718 kg (1583 lbs) Ripple Voltage 1% Certification CE, IEC 61851, ISO 15118 Network Connectivity Ethernet / 4G / Wi-Fi MTBF 100,000 hours			POS (Credit Card Reader)	Optional (enabling card payments)
Output Voltage 300 - 1000 V Output Max Current 400 A (0 - 400 A variable range) Supply Input 380 Vac +/- 10% IP rating IP54 Supply Frequency 50 Hz Input Current 530 A (@ 400 Vac) Grounding Detection 30 mA Operating Temperature Protection Ver / under voltage protection, over / under temperature protection, over / under temperature protection, surge protection, communication failure IP54 Supply Frequency 50 Hz Emergency Stop Button Yes Cooling Method Liquid cooling Grounding Detection 30 mA Operating Temperature -4°F (-20°C) to 122°F (50°C) Efficiency 296% (50%-100% load) Operating Humidity 5%-95% without condensation Power Factor 20.99 Dimensions (W x D x H) 37.4 x 30.7 x 89.8 (950 x 780 x 2280) inch (mm) Weight -718 kg (1583 lbs) Certification CE, IEC 61851, ISO 15118 MTBF 100,000 hours			LCD Display	10 inch touchscreen
Output Max Current 400 A (0 - 400 A variable range) Supply Input 380 Vac +/- 10% Supply Frequency 50 Hz Input Current 530 A (@ 400 Vac) Grounding Detection 30 mA Operating Temperature -4°F (-20°C) to 122°F (50°C) Efficiency ≥96% (50%-100% load) Power Factor ≥0.99 Harmonic Current <5% Ripple Voltage 1% Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol OCPP 1.6			Protection	protection, short circuit protection, over / under temperature protection, surge
Supply Input 380 Vac +/- 10% IP rating IP54 Supply Frequency 50 Hz Emergency Stop Button Yes Input Current 530 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 ~718 kg (1583 lbs) Ripple Voltage 1% Weight ~718 kg (1583 lbs) Certification CE, IEC 61851, ISO 15118 MTBF 100,000 hours	Output Voltage	300 - 1000 V		
Supply Frequency 50 Hz Emergency Stop Button Yes Input Current 530 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 ~718 kg (1583 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	Output Max Current	400 A (0 - 400 A variable range)		
Input Current 530 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 ~718 kg (1583 lbs) Ripple Voltage 1% Certification CE, IEC 61851, ISO 15118 Network Connectivity Ethernet / 4G / Wi-Fi MTBF 100,000 hours Warranty 2 years as standard	Supply Input	380 Vac +/- 10%	IP rating	IP54
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 ~718 kg (1583 lbs) Ripple Voltage 1% Certification CE, IEC 61851, ISO 15118 Network Connectivity Ethernet / 4G / Wi-Fi MTBF 100,000 hours Warranty 2 years as standard	Supply Frequency	50 Hz	Emergency Stop Button	Yes
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 ~718 kg (1583 lbs) Ripple Voltage 1% Certification CE, IEC 61851, ISO 15118 Network Connectivity Ethernet / 4G / Wi-Fi MTBF 100,000 hours Warranty 2 years as standard	Input Current	530 A (@ 400 Vac)	Cooling Method	Liquid cooling
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%	Grounding Detection	30 mA	Operating Temperature	-4°F (-20°C) to 122°F (50°C)
Harmonic Current <5% Ripple Voltage 1% Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol OCPP 1.6 Dimensions (W X D X H) inch (mm) Weight ~718 kg (1583 lbs) Certification CE, IEC 61851, ISO 15118 MTBF 100,000 hours	Efficiency	≥96% (50%-100% load)	Operating Humidity	5%-95% without condensation
Harmonic Current <5% Ripple Voltage 1% Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol OCPP 1.6 Weight ~718 kg (1583 lbs) Certification CE, IEC 61851, ISO 15118 MTBF 100,000 hours	Power Factor	≥0.99	,	inch (mm)
Ripple Voltage 1% Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol OCPP 1.6 Certification CE, IEC 61851, ISO 15118 MTBF 100,000 hours Warranty 2 years as standard	Harmonic Current	<5%		
Network Connectivity Ethernet / 4G / Wi-Fi Communication Protocol OCPP 1.6 MTBF 100,000 hours Warranty 2 years as standard	Ripple Voltage	1%	Weight	~718 kg (1583 lbs)
Communication Protocol OCPP 1.6 MTBF 100,000 hours Warranty 2 years as standard	Notwork Connectivity	Ethornot / 4G / Wi Fi	Certification	CE, IEC 61851, ISO 15118
Warranty 2 years as standard	-		MTBF	100,000 hours
Charging Cable Length 5 m (16.4 ft) Warranty 2 years as standard	Communication Protocol	OCPP 1.6	Warranty	2 years as standard
	Charging Cable Length	5 m (16.4 ft)		



EVESCO (PART OF POWER SONIC CORP.) NA, LATAM & APAC 365 Cabela Dr Suite 300, Reno, Nevada 89439 USA

T: +1 775 824 6500 E: evesco@power-sonic.co Smispol 4, 3861 RS, Nijkerk The Netherlands T: +31 33 7410 700