POWERPSONIC
TRUSTED BATTERY SOLUTIONS

evesco

EVDC-PRO-120/240 - 240/240 (EU)

120 - 240 kW DC Fast Chargers

Stand-Alone DC Fast Chargers.
High Performance. Future-Ready.

System Features

Dual Vehicle Charging

- Intelligent power sharing enables two vehicles to charge simultaneously without delays or reduced performance, maximizing throughput.

Future-Proof VDC Output Range

- Wide 200 –1000 VDC output supports high-voltage EV battery architectures, ensuring compatibility with current and next-generation electric vehicles.

Flexible Cable Configuration

- Offered with dual CCS2, or CCS2 + CHAdeMO options to support multiple EV connector standards and ensure long-term compatibility with a broad range of electric vehicles.

Ultra-High Efficiency

- 96% energy conversion minimizes power loss and significantly reduces operating costs, especially under peak-load conditions.

Integrated Cable Management

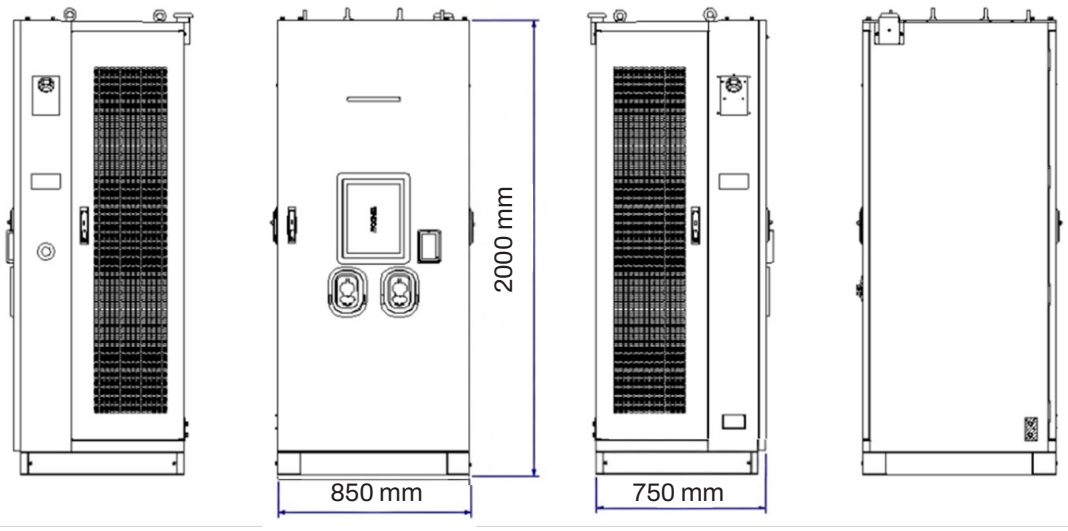
- Built-in system protects cables from excessive wear and tear, enhancing safety, durability, and user experience while reducing maintenance.

Versatile Start-Up Modes

- Supports RFID, OCPP, QR code, or optional credit card reader, allowing site operators to choose the most convenient and secure method for user access.

Upgradeable Power Output

- Scale charging power from 120 kW up to 240 kW by adding 20 kW modules, ready to grow as demand increases.



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System Specifications

Model numbers shown as X/Y indicate installed power (X) and maximum scalable power (Y). e.g. 120/240 = 120 kW installed, scalable up to 240 kW.

Output Specifications					
Model Number	EVDC-PRO-120/240 (EU)	EVDC-PRO-160/240 (EU)	EVDC-PRO-180/240 (EU)	EVDC-PRO-200/240 (EU)	EVDC-PRO-240/240 (EU)
Connectors	CCS2 + CCS2 or CCS2 + CHAdeMO				
Output Power	120 kW	160 kW	180 kW	200 kW	240 kW
Upgradeable Power	Increase power by adding 20 kW modules up to 240 kW*				-
Output Voltage	200 - 1000 VDC				
Max. Output Current	CCS2: 350 A (Continuous), 500 A (Boost) CHAdeMO: 125 A				
Peak Efficiency	96%				
Input Specifications					
Input Voltage	400 VAC +/- 10%				
Input Frequency	50 / 60 Hz				
Input Type	3Phase + N + PE				
Max. Input Current	224 A	297 A	334 A	371 A	444 A
Power Factor	0.99				
THDi	<5%				
Grounding Type	TN-S, TT				
General Specifications					
Com Protocol	OCPP1.6J				
Com Interface	4G / LAN				
Authentication Modes	RFID, QR Code, OCPP and optional POS terminal				
Cooling Method	Air cooling				
Cable Length	5 m (optional extended lengths available)				
Display	15” HD touchscreen with video capability				
Operating Temperature	-13°F (-25°C) to 149°F (65°C)				
Humidity	5 - 95% Rh non-condensing				
Operational Altitude	<2000 m				
Protection Ratings	IP55 / IK10				
Dimensions W x D x H	850 x 750 x 2000 mm				
Weight	460 kg	480 kg	490 kg	500 kg	520 kg
Protection	Under-voltage protection, over-voltage protection, DC over-current protection, over-temperature protection, surge protection device, emergency stop protection, overload protection, short circuit protection, electric leakage protection, reverse connect protection, over-charge protection				
Standards/Certification	IEC 61851, IEC 62196, DIN 70121, ISO 151118, CE, TUV				
Warranty	3 years (optional extended warranty available)				

* Adding more modules increases the required input current and may necessitate upgrades to on-site electrical components to maintain safe and reliable operation.

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Ready to take control of your EV charging future?

Contact us at
evesco@power-sonic.com
to accelerate your electrification strategy.

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