

EVDC-PRO-60/80 - 80/80 Series (EU)

60 - 80 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

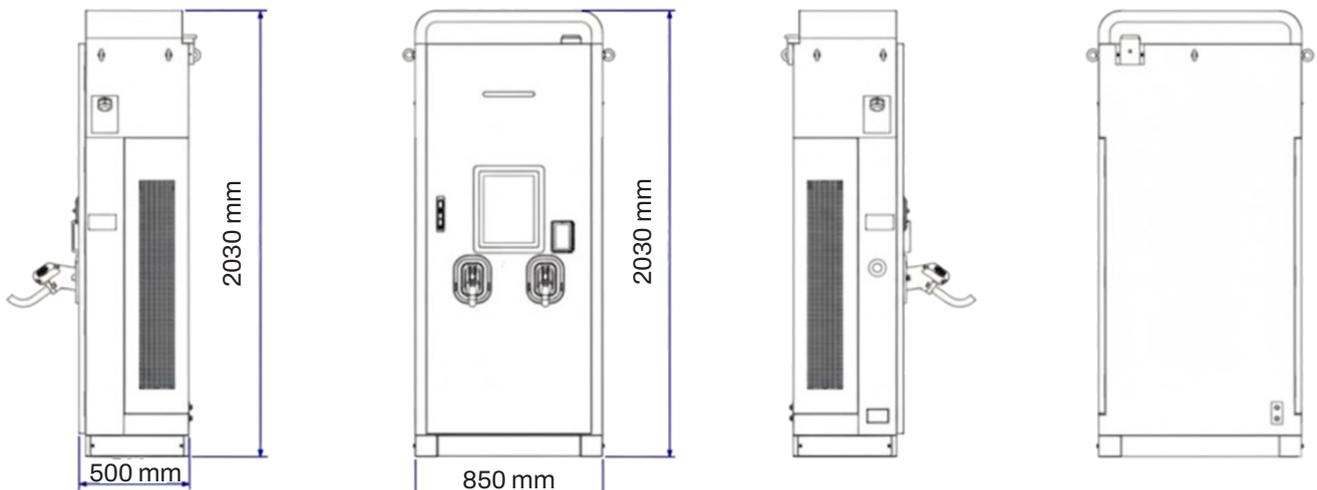
- Built-in system protects cables from excessive wear and tear, enhancing safety, durability, and user experience while reducing maintenance.

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.

Compact, Space-Saving Design

- Delivers high-power DC charging in a minimal footprint, ideal for sites with space constraints or high-density installations.





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System Specifications

Model numbers shown as X/Y indicate installed power (X) and maximum scalable power (Y).
e.g. 60/80 = 60 kW installed, scalable up to 80 kW.

Output Specifications		
Model Number	EVDC-PRO-60/80 (EU)	EVDC-PRO-80/80 (EU)
Connectors	CCS2 + CCS2 or CCS2 + CHAdeMO	
Output Power	60 kW	80 kW
Upgradeable Power	Increase power by adding one 20 kW module to max 80 kW*	-
Output Voltage	200 - 1000 VDC	
Max. Output Current	CCS2: 200 A 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	112 A	150 A
Power Factor	0.99	
THDi	<5%	
Grounding Type	TN-S, TT	
General Specifications		
Communication Protocol	OCPP1.6J	
Communication 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 500 x 2030 mm	
Weight	330 kg	340 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 15118, 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.



**Ready to take control of your
EV charging future?**

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

