BUILD AMERICA BUY AMERICA

BABA COMPLIANT

evesco
ELECTRIC VEHICLE ENERGY STORAGE COMPANY

80 kW - 160 kW
DC Fast Chargers

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50%

A   B

High-performance, future-ready EV charging for public spaces, commercial sites, and fleet infrastructure.

Features

Continuous High Output Charging

- Supports up to 350A of sustained current delivery, enabling ultra-fast charging speeds without compromising performance or safety.

Future-Proof Voltage Range

- Wide 200Vdc–1000Vdc output supports both 400V and 800V+ EV battery architectures, ensuring compatibility with current and next-generation electric vehicles.

Flexible Cable Configuration

- Offered with CCS1 + NACS, or dual-cable options to support evolving EV connector standards and ensure long-term compatibility with a broad range of vehicles.

ADA-Compliant Design

- Built for inclusive access with barrier-free cable reach and user interface height, meeting ADA regulations across public and fleet installations.

Certified for Public Charging

- Engineered to meet CTEP and NTEP standards for both hardware and software, enabling accurate energy measurement for public charging and billing.

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.

BABA Compliant

- Fully compliant with Buy America Build America (BABA), supporting U.S. infrastructure initiatives without sacrificing quality or performance.

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Specifications

SPECIFICATIONS			
MODEL NUMBER	EVDC-80-NA-BABA	EVDC-120-NA-BABA	EVDC-160-NA-BABA
CONNECTORS	CCS1 + NACS, CCS1 + CCS1, NACS + NACS		
OUTPUT POWER	80 kW	120 kW	160 kW
UPGRADEABLE POWER	Increase power by adding 40 kW modules to max 160 kW*	Increase power by adding 40 kW modules to max 160 kW*	-
OUTPUT VOLTAGE	200 - 1000 Vdc		
OUTPUT MAX CURRENT	350 A		
SUPPLY INPUT VOLTAGE	480 Vac +/- 10%		
SUPPLY INPUT FREQUENCY	60 Hz		
INPUT CURRENT (@ 480 V)	100 A	150 A	200 A
PEAK EFFICIENCY	≥96%		
THDI	≤5%		
POWER FACTOR	0.99		
NETWORK CONNECTIVITY	Ethernet, Wi-Fi, 4G		
COMMUNICATION PROTOCOL	OCPP 1.6J		
CABLE LENGTH	16.4 foot (5 meters) - optional increased lengths available		
LCD DISPLAY	15 inch touch-screen		
PROTECTION RATING	NEMA 3R / IK10		
NOISE LEVEL	<70 dB		
COOLING METHOD	Forced air cooling		
OPERATING TEMPERATURE	-22°F (-30°C) to 149°F (65°C)		
START-UP MODES	RFID, QR Code, OCPP and optional POS terminal		
STANDARDS	UL 2202:2022, UL 2231:2022, CSA C22.2 No.363:2022, FCC part 15 subpart B:2021, ICES-002:2020, Energy Star, CTEP & NTEP, OCA 1.6		
DIMENSIONS W x D x H	580 x 850 x 1900 mm 22.8 x 33.5 x 74.8 in		
WEIGHT	~ 324 kg ~ 715 lb	~ 343 kg ~ 756 lb	~ 362kg ~ 798 lb

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

Contact us at evesco@power-sonic.com to learn how EVESCO can help accelerate your electric vehicle charging initiatives.