EVESCO
ELECTRIC VEHICLE ENERGY STORAGE COMPANY

EVMO-60S
Specifications

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

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EVMO-60S

60kW Mobile DC Fast Charger

FEATURES

- Designed for mobile EV fast charging
- User-friendly interface with an LCD touchscreen display
- CHAdeMO, CCS1, CCS2, NACS and GB/T compatible
- Wide input voltage and frequency range suitable for global markets
- High-performance charging module with a wide charging range
- Robust castors for quick and easy movement
- High efficiency at ≥95%
- Ideal for various applications, including service stations, auto dealerships, fleet operators, and more.

CERTIFICATION

- CE Directive 2014/30/EU; EN 6100-6-3:2007/A1:2011/ AC:2012, EN IEC 61000-3-2:2019, EN 61000-3-3:2013/ A1:2019,EN 61000-6-1:2007
- EC ROHS directive 2011/65/EU with amendments: IEC 62321:2008, IEC 62321:2013, IEC 62321:2013
- LVD Directive 2014/35/EU: EN 60799:1998
- UL for USA and Canada for EVSE equipment; 30 kW power module and charging cables
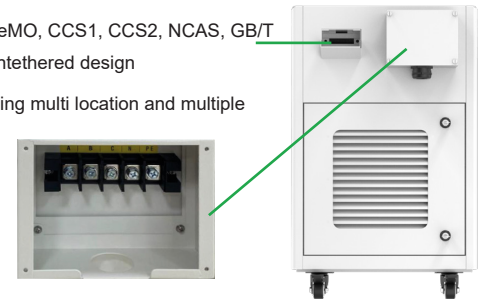
SPECIFICATIONS

Charging Outlet	CHAdeMO, CCS1, CCS2, NACS and GB/T
Output Power	60 kW
Output Voltage	150 - 1000 V
Phase/Lines	3-phase + neutral + PE
Supply Input	305 - 520 Vac
Supply Frequency	40 - 65 Hz (+/- 10%)
Efficiency	≥95%
Power Factor	≥0.99
Stable Voltage Accuracy	≥ (+/-) 0.5%
Stable Current Accuracy	≥ (+/-) 1%
Cable Length	5 m (16.4 feet) as standard
Soft Start Time	3 - 8 seconds
Emergency Stop Button	Yes
LCD Display	10 inch touchscreen
IP Rating	IP54
Startup Mode	Plug-and-play or RFID card

SPECIFICATIONS CONT..

Communication Protocol	OCPP 1.6
Connectivity	3G, 4G and Wi-Fi
Operating Temperature	-22°F (-30°C) to 149°F (65°C)
Operating Humidity	5%-95% without condensation
Dimensions (W x L x H) Inch (mm)	18.9 x 27.5 x 29.7 (479 x 698 x 756)
Weight	~130 kg (286 lbs)
Protection	Over/under voltage protection, overload protection, short circuit protection, over/ under temperature protection, surge protection, communication failure
MTBF (Mean time before failure)	100,000 hours

- Switch between CHAdeMO, CCS1, CCS2, NCAS, GB/T charging cables with untethered design
- Untethered input enabling multi location and multiple outlet connections

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