



## EVMO-30S Specifications

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



## EVMO-30S

### 30kW 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  $\geq 95\%$
- 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

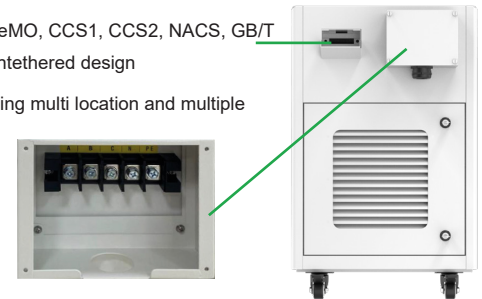
#### SPECIFICATIONS

<b>Charging Outlet</b>	CHAdeMO, CCS1, CCS2, NACS and GB/T
<b>Output Power</b>	30 kW
<b>Output Voltage</b>	150 - 1000 V
<b>Phase/Lines</b>	3-phase + neutral + PE
<b>Supply Input</b>	305 - 520 Vac
<b>Supply Frequency</b>	40 - 65 Hz (+/- 10%)
<b>Efficiency</b>	$\geq 95\%$
<b>Power Factor</b>	$\geq 0.99$
<b>Stable Voltage Accuracy</b>	$\geq (+/-) 0.5\%$
<b>Stable Current Accuracy</b>	$\geq (+/-) 1\%$
<b>Cable Length</b>	5 m (16.4 feet) as standard
<b>Soft Start Time</b>	3 - 8 seconds
<b>Emergency Stop Button</b>	Yes
<b>LCD Display</b>	10 inch touchscreen
<b>IP Rating</b>	IP54
<b>Startup Mode</b>	Plug-and-play or RFID card

#### SPECIFICATIONS CONT..

<b>Communication Protocol</b>	OCPP 1.6
<b>Connectivity</b>	3G, 4G and Wi-Fi
<b>Operating Temperature</b>	-22°F (-30°C) to 149°F (65°C)
<b>Operating Humidity</b>	5%-95% without condensation
<b>Dimensions (W x L x H) Inch (mm)</b>	18.9 x 27.5 x 29.7 (479 x 698 x 756)
<b>Weight</b>	~105 kg (231 lbs)
<b>Protection</b>	Over/under voltage protection, overload protection, short circuit protection, over/under temperature protection, surge protection, communication failure
<b>MTBF (Mean time before failure)</b>	100,000 hours

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



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