



EVMO-208V Specifications

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

EVMO-208V

208V Variable Output Mobile Fast Charger

FEATURES

- Designed for mobile EV fast charging
- User-friendly interface with an LCD touchscreen display
- CHAdeMO, CCS1, CCS2, and GB/T compatible with interchangeable charging cables
- 208 volts three-phase input for North American market
- High-performance charging module with variable output power
- 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



- Switch between CHAdeMO, CCS1, CCS2, & GB/T charging cables with untethered design



SPECIFICATIONS	
Charging Outlet	CHAdeMO, CCS1, CCS2, & GB/T interchangeable charging cables
Output Power	Variable - up to 60 kW
Output Voltage	0 - 500 Vdc (120 A)
Phase	3-phase + N + PE
Supply Input	208 Vac
Supply Frequency	60 Hz (+/- 10%)
Efficiency	$\geq 95\%$
Power Factor	≥ 0.99
Stable Voltage Accuracy	$\geq (+/-) 0.5\%$
Stable Current Accuracy	$\geq (+/-) 1\%$
Charging Cable Length	5 m (16.4 feet) or 14 m (45.9 feet)
Emergency Stop Button	Yes

SPECIFICATIONS CONT..	
LCD Display	10 inch touchscreen
IP Rating	IP54
Startup Mode	Plug-and-play or RFID card
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)	20.9 x 30.2 x 44.6 (530 x 766 x 1133)
Weight	~155 kg (342 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

VARIABLE OUTPUT POWER: 0-500 VDC (120 A CONSTANT CURRENT)

Battery Voltage (V)	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
Output Power (kW)	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60



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