



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 |



EVESCO
(PART OF POWER-SONIC CORP.)
NA, LATAM & APAC
365 Cabela Dr Suite 300,
Verdi, Nevada 89439
USA
T: +1 775 824 6500
E: evesco@power-sonic.com

EMEA
Smitspol 4, 3861 RS,
Nijkerk
The Netherlands
T: +31 33 7410 700
E: evesco@power-sonic.com

evesco.com