



EVDC-120 (EU) 2nd generation Specifications

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

EVDC-120 (EU) 2nd generation

120kW DC Fast Charger

FEATURES

- True simultaneous charging - charge two cars at the same time
- UL compliant EV charging station
- Future-proof design with 1000 V max output
- Driver friendly with a 10" LCD touchscreen and simple to use interface
- CHAdeMO and CCS2 or dual CCS2 charging cables
- Ethernet, 4G and Wi-Fi network connectivity
- OCPP 1.6 and ISO 15118 compliant
- Start modes include plug-n-play, RFID card, OCPP and optional POS
- IP54 rated enclosure ideal for a wide range of locations and conditions



| SPECIFICATIONS | | SPECIFICATIONS CONT.. | |
|-------------------------------|--|---------------------------------|--|
| Connectors | CHAdeMO + CCS2 or CCS2 + CCS2 | Start-up Mode | Automatic charging / RFID card / OCPP |
| Output Power | 120 kW (can charge two cars at 60 kW simultaneously) | POS (Credit Card Reader) | Optional (enabling card payments) |
| Output Voltage | 300 - 1000 V | LCD Display | 10 inch touchscreen |
| Output Max Current | 300 A (0 - 300 A variable range) | Protection | Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure |
| Supply Input | 400 Vac (+/- 10%) | IP rating | IP54 |
| Supply Frequency | 50 Hz | Emergency Stop Button | Yes |
| Input Current | 177 A (@ 400 Vac) | Cooling Method | Forced air cooling |
| Grounding Detection | 30 mA | Operating Temperature | -4°F (-20°C) to 122°F (50°C) |
| Efficiency | ≥96% (50%-100% load) | Operating Humidity | 5%-95% without condensation |
| Power Factor | ≥0.99 | Dimensions (W x D x H) | 37.4 x x 19.3 x 65.0 (950 x 490 x 1650) inch (mm) |
| Harmonic Current | <5% | Weight | ~327 kg (721 lbs) |
| Ripple Voltage | 1% | Certification | UL, CE, IEC 61851, ISO 15118 |
| Network Connectivity | Ethernet / 4G / Wi-Fi | MTBF | 100,000 hours |
| Communication Protocol | OCPP 1.6 | Warranty | 2 years as standard |
| Charging Cable Length | 5 m (16.4 ft) | | |



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

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