



EVDC-50 (EU) Specifications

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

EVDC-50 (EU)

50kW DC Fast Charger

FEATURES

- Designed for easy installation and maintenance
- Driver friendly with a 15" LCD touchscreen display
- CHAdeMO and CCS (type 1 or 2) connectors - 2 plugs supplied as standard
- Ethernet, 3G / 4G and Wi-Fi network connections
- IP54 rated enclosure ideal for a wide range of locations and conditions
- Brandable exterior design
- Optional POS terminal
- Start modes include plug-n-play, RFID and QR code
- OCPP 1.6 Json (OCPP 2.0.1 optional)



SPECIFICATIONS	
Connectors	CHAdeMO and CCS (type 1 or 2)
Output Power	50 kW
Output Voltage	200 - 1000 V
Cable Length	5 m
Supply Input	400 Vac (+/- 10%)
Supply Frequency	50 Hz
Efficiency	≥95% (50%-100% load)
Power Factor	≥0.99
Network Connection	Ethernet / 3G / 4G / Wi-Fi
Communication Protocol	OCPP1.6J, or OCPP2.0.1
Soft Start Time	3 - 8 seconds
Start-up Mode	Automatic charging / RFID card / QR code
POS (Credit Card Reader)	Optional (enabling card payments)
LCD Display	15 inch touchscreen
IP Rating	IP54
IK Rating	IK10

SPECIFICATIONS CONT..	
Protection	Over / under voltage protection, overload protection, short circuit protection, over / under temperature protection, surge protection, communication failure
Cooling Method	Fan cooling
Maximum Altitude	<2000m
Operating Temperature	-4°F (-20°C) to 131°F (55°C)
Operating Humidity	5%-95% without condensation
Dimensions (W x D x H)	37.8 x 21.7 x 68.1 (960 x 550 x 1730) inch (mm)
Weight	300 kg
Freight	12 units per 20' container
Certification	CE, conforms to 2014/30/EU Electromagnetic Compatibility Directive and 2014/35/EU Low Voltage Directives
Related Standards	EN 61851-1:2011; EN 61851-23:2014; EN 61851-21:2002, EN IEC 61000-6-1:2019; EN 61000-6-3:2007/A1:2011/AC:2012
MTBF	100,000 hours
Warranty	2 years as standard



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

evesco.com