



EvoCharge® Home 50

Electric Vehicle Charging Station

- **Fast Home Charging:** up to 50A for up to 45 miles range per hour charged. Works with all EV's including Tesla with an adapter.
- **Smart Charging Made Simple:** easy bluetooth setup and WiFi connectivity with the EvoCharge app. Simplifies charger controls via mobile app or desktop portal.
- **Easy Installation:** Adjustable power output to fit the home's existing electric service. Hardwiring provides the safest, most reliable installation.
- **Flexible Cable Management:** remote holster allows for convenient placement near car charging port.

Product Specifications

Electrical

Power Output Rating	Maximum 12kW, 50A (at 240VAC) Adjustable to: 48A (Factory Setting), 40A, 32A, 24A, 16A
Input Voltage	208 / 240 VAC, 60Hz, 1Ø, Max 120VAC from Ground
Power Wiring	3 Wire - L1, L2, G (No Neutral)
Connector Type	SAE J1772
Safety Protections	Ground Fault Detection (Internal GFCI): 20 mA CCID Earth Ground Detection Over/Under Temperature Surge Protection per IEC 61851-21-2
Charging Cable Length	25 ft (7.62 m)
Metering Accuracy	1.0%

Communication

WiFi	2.4 GHz and 5 GHz (802.11 b/g/n/ac)
Bluetooth	Version 5.0 (BLE)
Protocols	OCPP 1.6J

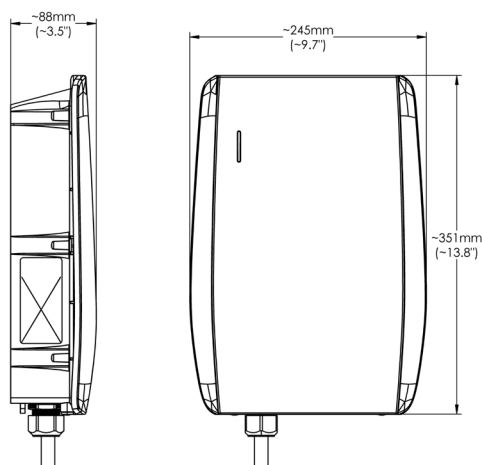
Certifications and Standards

Certification	UL2594, UL2231-1, UL2231-2, UL1998
EMC Compliance	FCC Part 15 Class B
IEC/ANSI	IEC 60204-1 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-6 IEC 61000-6-2 IEC 61000-4-4 EN 55014-2 + IEC 61000-4-11 IEC 61000-4-8 IEEE 4
NEC 625 Compliant	
Warranty	Standard 3 Year Manufacture Limited Liability and 2 Year Optional

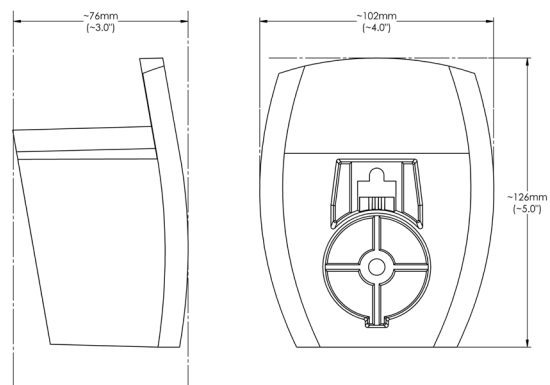
Enclosure

Charger Weight and Dimensions	11.68 lbs (5.3 kg) Shipping Weight: 14.8 lbs (6.7 kg) 9.7 in (W) x 13.8 in (H) x 3.5 in (D) (245 mm x 351 mm x 88 mm)
Operational Ratings	NEMA 4, Indoor/Outdoor Rated -22°F to 122°F (-30°C to 50°C) IK10 Impact Rating Humidity: 95% Non-Condensing
Storage Ratings	-40°F to 158°F (-40°C to 70°C) Humidity: up to 95% Non-Condensing
Display	LED Charge Status Indicator (Power/Ready, Charging, Fault)
Mounting Options	Mounting Bracket for Wall or Pedestal Installation
Cable Management	Remote Charging Handle Holster and Cable Hook Included

Charger



Holster



Visit evocharge.com for more information and to download an installation manual.