

evr-green™ 320 Electric Vehicle Charging Station

Level 2 EV Charging: 32 Amp, 7.7kW output

Preferred
Brand Recommended
by Several Major Auto
Manufacturers



Leviton's Evr-Green™ 320 Electric Vehicle Charging Station enables fast-charging of any SAE J1772™ Compatible Electric Vehicle. Our patent pending mounting system allows for a do-it-yourself "plug-in" installation.*

Features and Benefits

- Compatible with all Electric Vehicle Supply Equipment (EVSE) Standards and Recommended Practices, including SAE J1772™, NEC 625, UL 2231 and UL 2594
- Tool-less, "non-permanent" installation also makes it easier to remove and replace or take with you in the event you move*
- Built-in communication verifies proper connection before charging can commence
- "Auto-Reclosure" feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery
- Cord connected installation is ideal for indoor applications and capable of being converted to a "hard-wired" installation if required
- Enclosure is rated NEMA Type 4 Watertight- this rating applies to hard-wired applications only
- Cord management bracket provides easy stowage of the charge connector when not in use
- 18' and 25' charging cable options available
- Ground monitor interrupter circuit for safety
- Industry leading 3-year limited warranty

* When used in conjunction with Leviton's EVK05 Installation Kit



EVB32-M8L

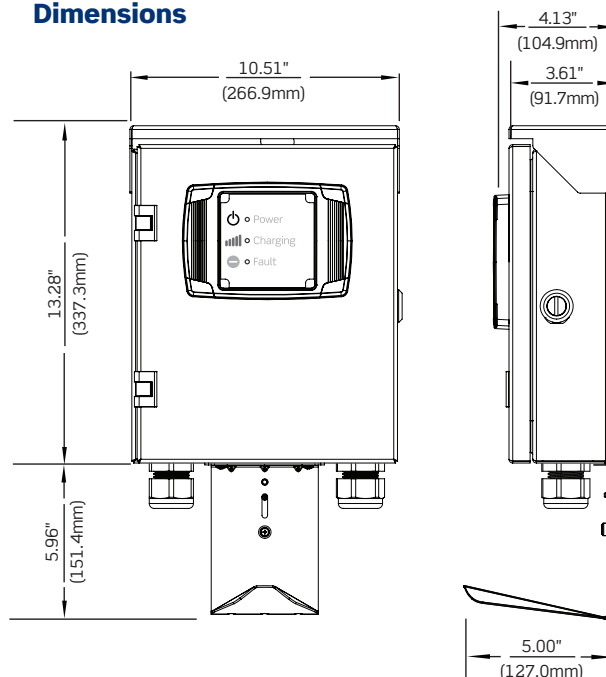


Features

EVB32-M5L

- Watertight and Dust tight enclosure
- Status Indicator lights alert power, charging status and faults
- 18' & 25' Charging Cable options provide flexibility in mounting locations
- Cable Management System provides for convenient storage
- SAE J1772™ Compliant Charging Connector

Dimensions



Specifications

Electrical Input	
Amperage	32A
Voltage	208VAC - 240VAC
NEMA Configuration	NEMA 6-50P
Breaker	40Amp 2-Pole
Circuit	50Amp dedicated circuit
Electrical Output	
Output Power	7.7kW (32A @ 240V)
Charging Connector	SAE J1772™ Charge Connector on 18' (5.48 m) or 25' (7.62 m) long cable
Material Specifications	
Enclosure	Powder Coated Steel
Charging Cable	UL Type EV
Environmental Specifications	
Operating Temperature	-35°C to 50°C
Storage Temperature	-50°C to 80°C
Operating Humidity	95% non-condensing
Enclosure	NEMA Type 4*

*rating applies to hard-wired application only

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Standards, Code & Recommended Practice

UL 2251	Standards for Plugs, Receptacles and Couplers for Electric Vehicles
UL 991	Standard for Tests for Safety-Related Controls Employing Solid-State Devices
UL 2231	Standard for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits
UL 1998	Standard for Software in Programmable Components
UL 2594	Outline of Investigation for Electric Vehicle Supply Equipment
UL 62	Standard for EV Flexible Cables
SAE J1772™	Electric Vehicle Conductive Charge Coupler Standard
NEC Article 625	Electric Vehicle Charging System Equipment
FCC Part 15	Federal Communications Commission Part 15 Radio Frequency Devices Class B Residential Use
EMI	Per UL 2231 Radiated Immunity Risk

Ordering Information

Cat. No	Description
EVB32-M8L	Evr-Green™ 320 Charging Station: 32 Amp, 7.7kW output, 18' charging cable, cord-connected (plug-in). For hard-wired applications, remove plug tail as directed by installation guide.
EVB32-M5L	Evr-Green™ 320 Charging Station: 32 Amp, 7.7kW output, 25' charging cable, cord-connected (plug-in). For hard-wired applications, remove plug tail as directed by installation guide.
EVK05-M	Pre-Wire Installation Kit for EVB32. Required for installation of plug-in stations.



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