

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



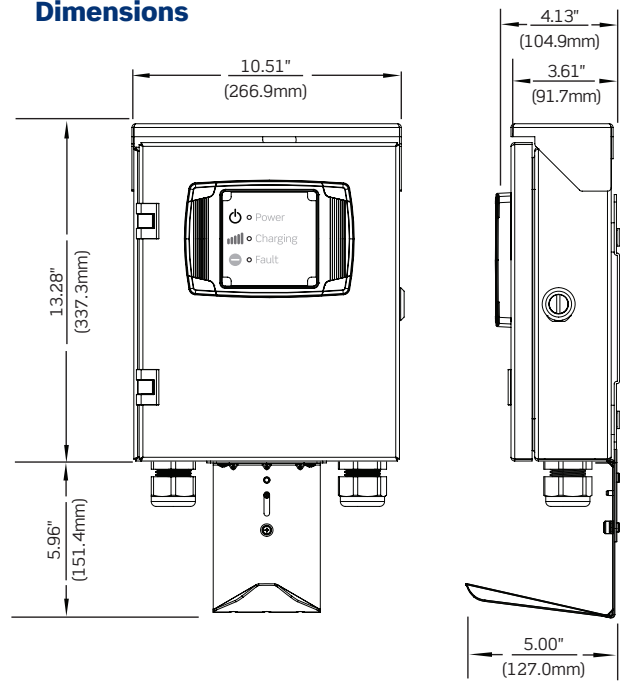
Features

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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