

evr-green™ 320

Electric Vehicle Charging Station

For Level 2 EV Charging: 32 Amp, 7.7kW output



Leviton's Evr-Green™ 320 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 Charging Station Standards and Recommended Practices, including SAE J1772™, NEC 625, UL 2231 and UL 2594
- 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
- "Wrap-around" cable management for easy storage between uses
- 18' and 25' charging cable options available
- Ground monitor interrupter circuit for safety
- Industry leading 3-year limited warranty
- Designed, developed and assembled in the USA

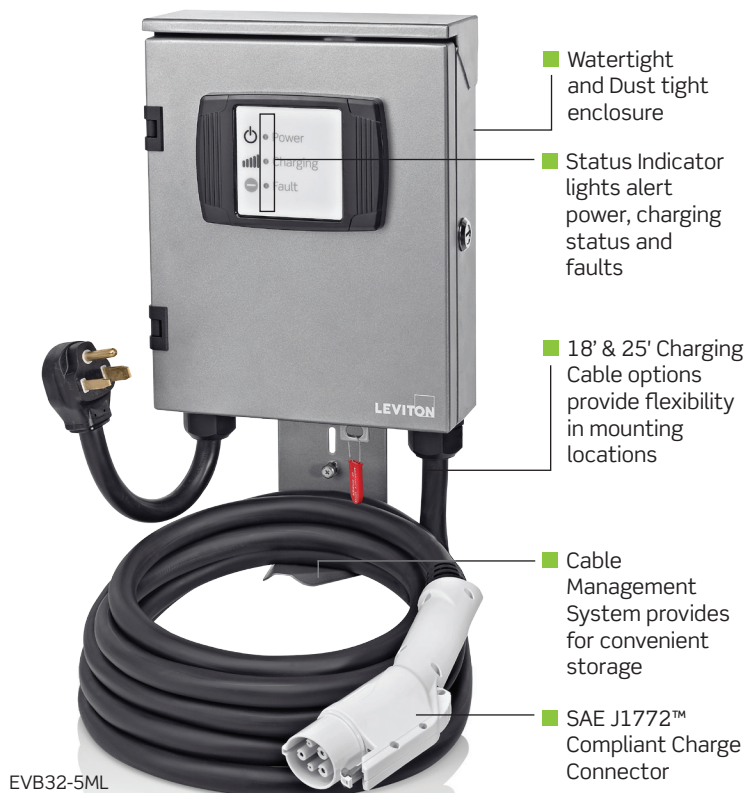
* When used in conjunction with Leviton's EVK05 Installation Kit



EVB32-8ML

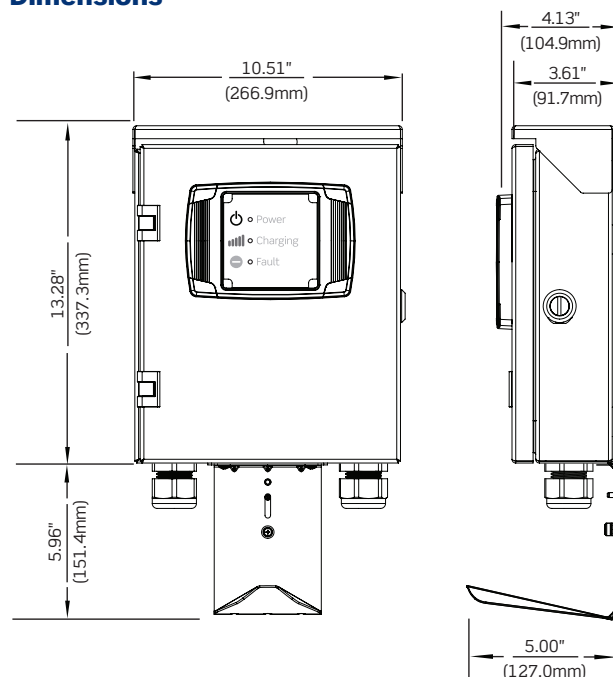


Features



EVB32-5ML

Dimensions



Installation

The recommended mounting height of the Charging Station is not to exceed 48", but not less than 42". This provides convenient access and operation of the Charging Station, and meets ADA requirements for access. The NEMA 6-50R receptacle can not be greater than 12" from the bottom of the mounting bracket to the middle of the receptacle.

Specifications

Electrical Input	
Amperage	32A
Voltage	208VAC - 240VAC
NEMA Configuration	NEMA 6-50P
Breaker	40A, 2Pole
Circuit	50A dedicated circuit for Plug-In Station
Electrical Output	
Power	7.7kW (32A @ 240VAC)
Charge Connector	SAE J1772™ Charge Connector on 18' (5.48 m) or 25' (7.62 m) long cable
Material Specifications	
Enclosure	Powder Coated Steel
Charge Connector 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

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Standards & Certifications

UL 2251	Standard 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

Ordering Information

Cat. No	Description
EVB32-8ML	Evr-Green™ 320 Charging Station, 7.7kW output, 18' charging cable, cord-connected (plug-in). For hard-wired applications, remove plug tail as directed by installation guide.
EVB32-5ML	Evr-Green™ 320 Charging Station, 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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