

evr-green® 160 Electric Vehicle Charging Station

Level 2 EV Charging: 16A, 3.8kW output

Preferred
Brand Recommended
by Several Major Auto
Manufacturers



Leviton's Evr-Green® 160 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-Restart" feature enables charging to restart following a minor fault, thereby reducing the chance of being stranded with 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
- Ground monitor circuit for safety
- Industry leading 3-year limited warranty

* When used in conjunction with Leviton's EVK02 Installation Kit



EVB22-3PT



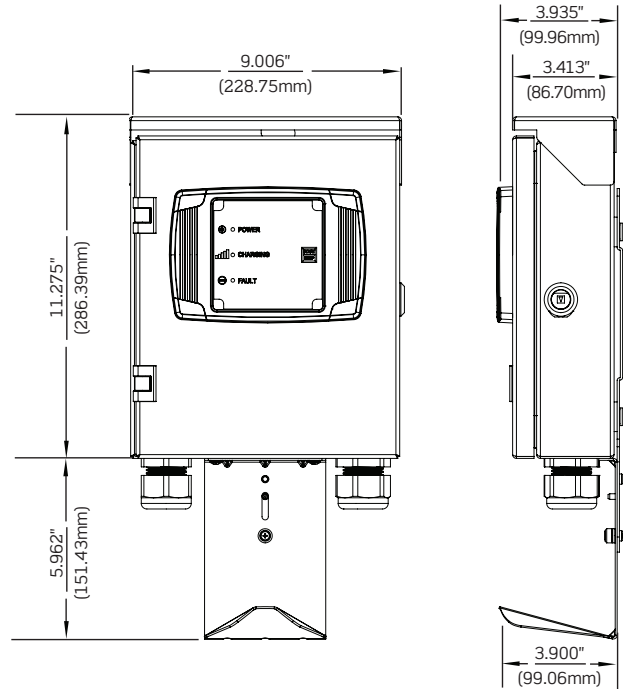
Features

Cat No.
EVB22-3PM



- Watertight and Dusttight enclosure
- Status Indicator lights alert power, charging status and faults
- 20' Charging Cable Length
- Cable Management System provides for convenient storage
- SAE J1772™ Compliant Charging Connector

Dimensions



Specifications

Electrical Input		EVB22
Amperage		16A
Voltage		240VAC
Plug Configuration		NEMA 6-20P
Breaker		20Amp 2-Pole
Circuit		20Amp dedicated circuit
Electrical Output		
Output Power		3.8kW (16A @ 240V)
Charging Connector		SAE J1772™ Charge Connector on 20' (6.09 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

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
EVB22-3PT	Leviton Evr-Green® 160 Electric Vehicle Charging Station: 16 Amp, 3.8kW output, 20' charging cable, cord-connected (plug-in). For hard-wired applications, remove plug tail as directed by installation guide
EVK02-M	Installation kit for EVB22-3PT

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