Product Bulletin for
Level 2, 40A Charging Station

LEVITON

evr-green® 400
Electric Vehicle Charging Station

Level 2 EV Charging: 40A, 9.6kW output

Preferred Brand Recommended by Several Major Auto Manufacturers

Leviton introduces its next generation electric vehicle charging station -- designed with a durable thermoplastic cover. Leviton's Evr-Green® 400 Charging Station enables fast-charging of any SAE J1772™ Compatible Electric Vehicle. The 40A Charging Station will optimize the charge time for vehicles with onboard chargers larger than 6.6kW. The 40A charging station includes a 25 foot charging cable, which offers flexibility in the mounting location.

EVB40-P5T

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 with the vehicle before charging can commence
- Auto-Reclosure feature enables charging to restart following a minor power interruption, thereby reducing the chance of being stranded with an uncharged 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 cord management for easy storage between uses
- Ground monitor interrupter circuit for additional safety
- Charge connector lockout hole prevents unauthorized use
- Industry leading 3-year limited warranty

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

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U.S. GREEN BUILDING COUNCIL MEMBER

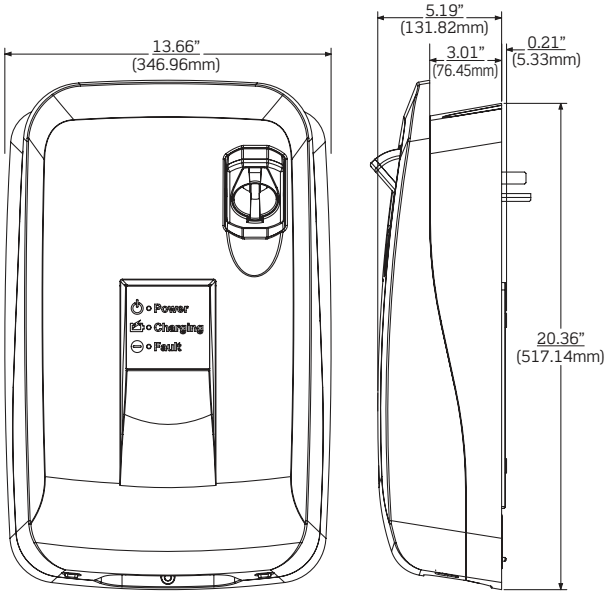
Drive Smart Drive Green

Features

EVB40-P5T

EVB40-PST

Dimensions



Specifications

Electrical Input	EVB40-P5T & EVB40-PST
Amperage	40A
Voltage	208VAC - 240VAC
Plug Configuration	NEMA 6-50P
Breaker	50Amp 2-Pole
Circuit	50Amp dedicated circuit
Electrical Output	
Output Power	9.6kW (40A @ 240V)
Charging Connector	SAE J1772™ Charge Connector on 25' (7.62m) long cable
Material Specifications	
Cover	Valox™ PBT
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 Personal 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
EVB40-P5T	40 Amp, 9.6kW output, cord-connected (plug-in), Flush Mount. For hard-wired applications, remove plug tail as directed by installation guide.
EVB40-PST	40 Amp, 9.6kW output, cord-connected (plug-in), Surface Mount. For hard-wired applications, remove plug tail as directed by installation guide.
EVK05-M	Installation kit for EVB40-P5T and EVB40-PST

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ISO 9001 REGISTERED Quality Manufacturer

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