

Electric Vehicle Charging Station Pedestal System

Single or Dual Mount EVSE Pedestal for use with Leviton Evr-Green® 320 Charging Stations



The Leviton commitment to help create a sustainable environment is further manifested in our complete line of electric vehicle supply equipment (EVSE) and support services. Whether you are an EV driver, a commercial business, utility company or municipality, there's an Evr-Green solution for you.

Our new EVSE pedestal used in conjunction with the Evr-Green 320 Electric Vehicle Charging Station provides durable electric vehicle charging for indoor or outdoor uses. The EVSE pedestal system can accommodate up to 2 charging stations enabling charging for two parking spots and the Evr-Green 320 Electric Vehicle Charging Station delivers an industry leading 15kW of power. The EVSE pedestal is perfect for auto dealerships, car rental agencies, city & township municipalities, health care facilities, educational institutions and any commercial or MDU setting.



Evr-Green® 320 Electric Vehicle Charging Station

Features & Benefits

- Compatible with all Electric Vehicle Supply Equipment (EVSE) Standards and Recommended Practices, including SAE J1772™, NEC 625, UL 2231 and UL 2594
- “Auto-Reclosure” feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery
- Enclosure is rated NEMA Type 4 for indoor and outdoor use
- 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
- 3 Year Limited Warranty

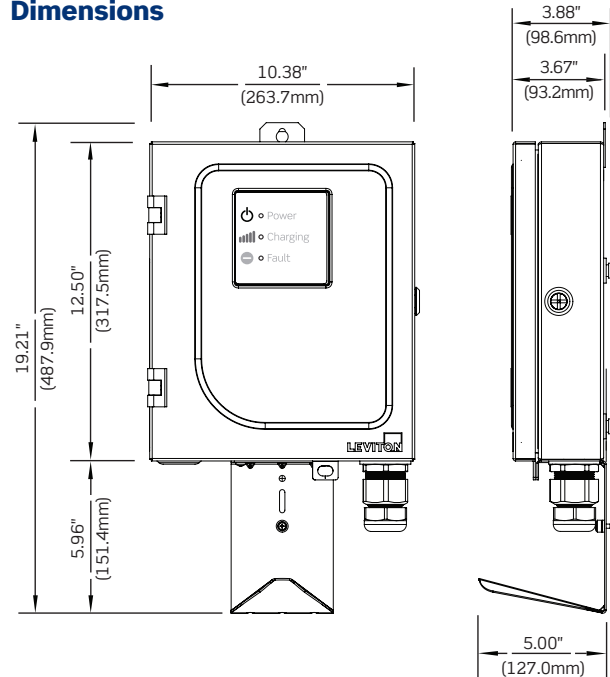
Specifications

Electrical Input	
Amperage	EVB32-H18 & EVB32-H25
Voltage	32A
Breaker	208VAC - 240VAC
Circuit	40A 2-Pole
	50A 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 Galvanized 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*
Standards, Code & Recommended Practice	
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	Standard for Electric Vehicle Supply Equipment
UL 62	Standard for EV Flexible Cables
SAE J1772™	Surface Vehicle Recommended Practice
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



EVB32-H18

Dimensions



*Rating applies to hard-wired application only

Evr-Green® Pedestal

Features & Benefits

- Allows for one or two electric vehicle charging stations to be efficiently mounted on a single pedestal to save installation cost, space and time
- Compliant with Americans with Disabilities Act (ADA) recommended charge connect height of less than 48" and greater than 24"
- Constructed of durable powder coated steel to withstand environmental conditions
- Convenient docking station for charge connector ensures added connector protection
- Inexpensive lockable and secure systems. Both the charging station and charge connector can be locked to prevent unauthorized use or removal
- 1 Year Warranty
- Pedestal also available separately from bundle

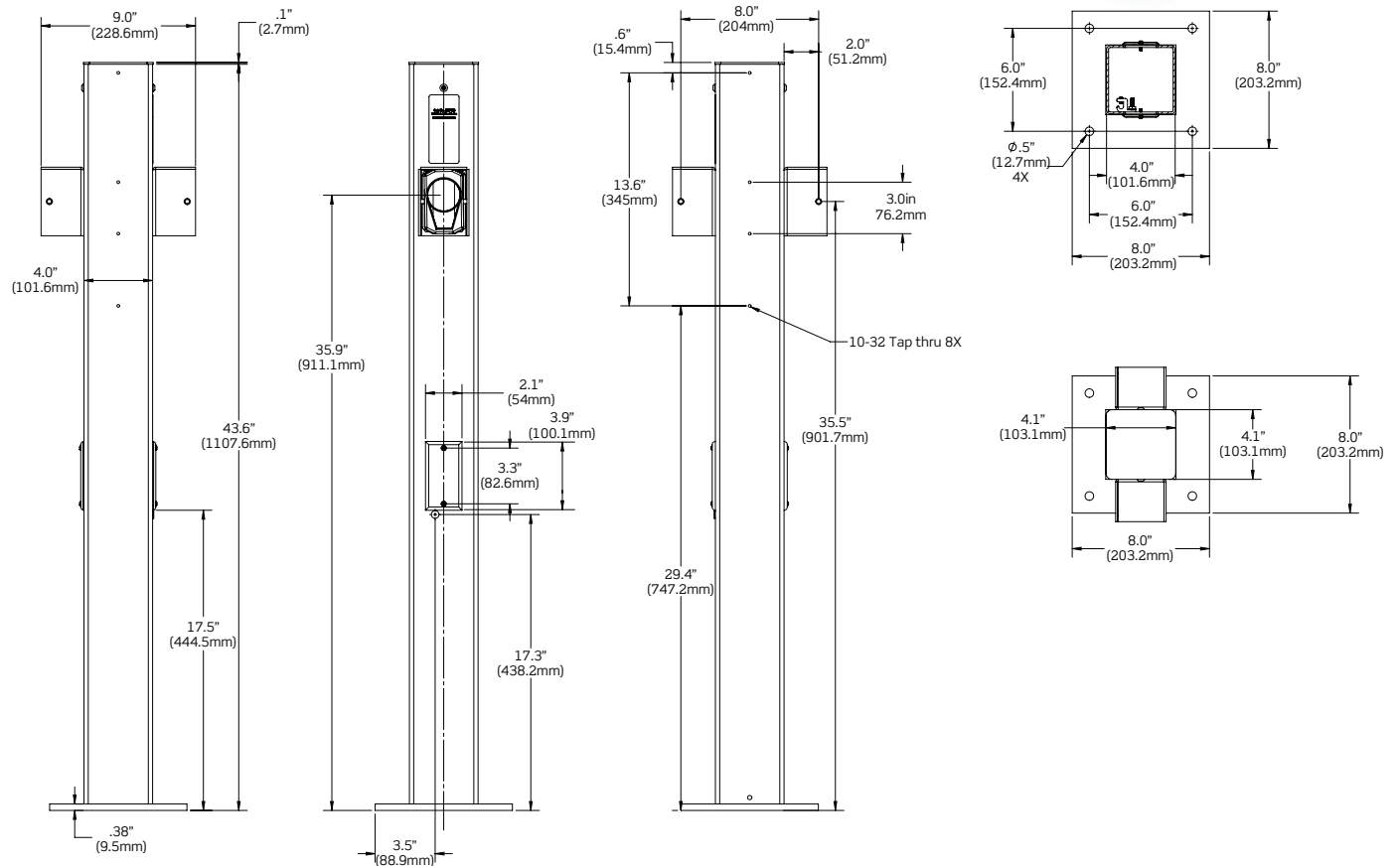
Specifications

Description	Material Specification
Pole/Base	Powder Coated Steel
Charge Connector Docking Bracket	Valox® PBT & Powder Coated Steel
Mounting Hardware	Stainless Steel



EVPED

Dimensions



Ordering Information

Cat. No.	Description
EVP32-H81	Evr-Green® 32 Amp, 7.7kW output, 18' charging cable & Pedestal Mounting Pole (Includes (1) EVPED-002 & (1) EVB32-H18)
EVPED-002	Pedestal Mounting Pole and Base
EVB32-H18	Evr-Green® 320 Charging Station: 32 A, 7.7kW output, 18' charging cable, hard-wired

Additional tools required for installation not included with purchase:

- Box wrench sized for anchor bolts
- Spanner driver
- Flat blade screwdriver
- Flexible liquid tight conduit cutter
- Wrenches appropriately sized for the hardwire hub and the flexible liquid tight conduit fitting
- ¾" knockout cutter
- Wire cutter
- Wire stripper

Installation Preparation - Additional parts/equipment required for installation not included with purchase:

- Leviton Evr-Green® 320 Charging Station
- 1" hub
- 1" to ¾" reducing bushing
- ¾" flexible liquid tight conduit fitting
- ¾" flexible liquid tight conduit (approx. 8-1/4")
- Dedicated 208 or 240 VAC branch circuit
- Circuit breaker appropriately sized for the EVSE charger (refer to EVSE Installation Guide)
- Two line conductors: Appropriately sized for the EVSE current capacity and in accordance with local and current NEC electrical codes
- One ground conductor: Appropriately sized for the EVSE current capacity and in accordance with local and current NEC electrical codes
- 3/8" stainless steel 18-8 anchor bolts with required nuts and washers or acorn nuts (4)
- Anti-Seize compound (recommended for use on all bolts and nuts)
- Optional disconnect switch can be added to installation



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