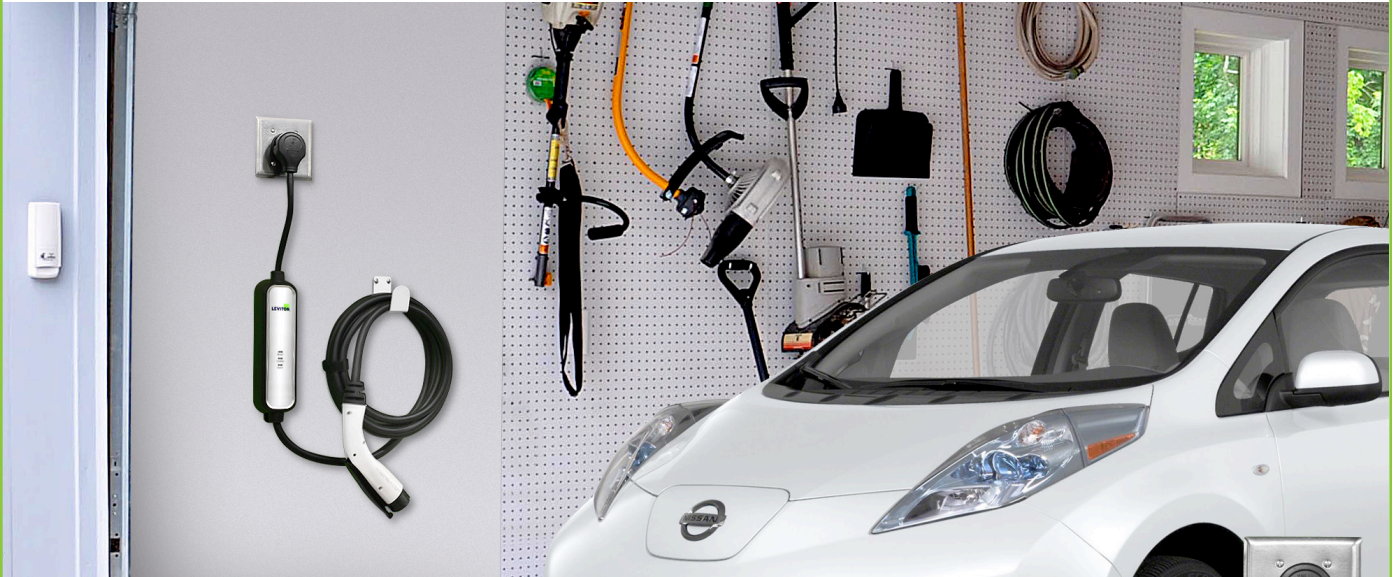


evr-green® mini Electric Vehicle Charging Station

Level 2 EV Charging, 30 Amp Circuit

The Easy
Solution for EV
Charging



Introducing the next generation of the Evr-Green® line of Electric Vehicle Supply Equipment (EVSE), the Evr-Green Mini electric vehicle charging station. Our new charging station delivers nearly 5 kW of power and offers a more compact, affordable, easy to use – easy to install solution to electric vehicle charging. The Evr-Green Mini was designed to be the smallest wall-mounted EV charging station available in North America and delivers a maximum of 20 electric vehicle miles per hour.

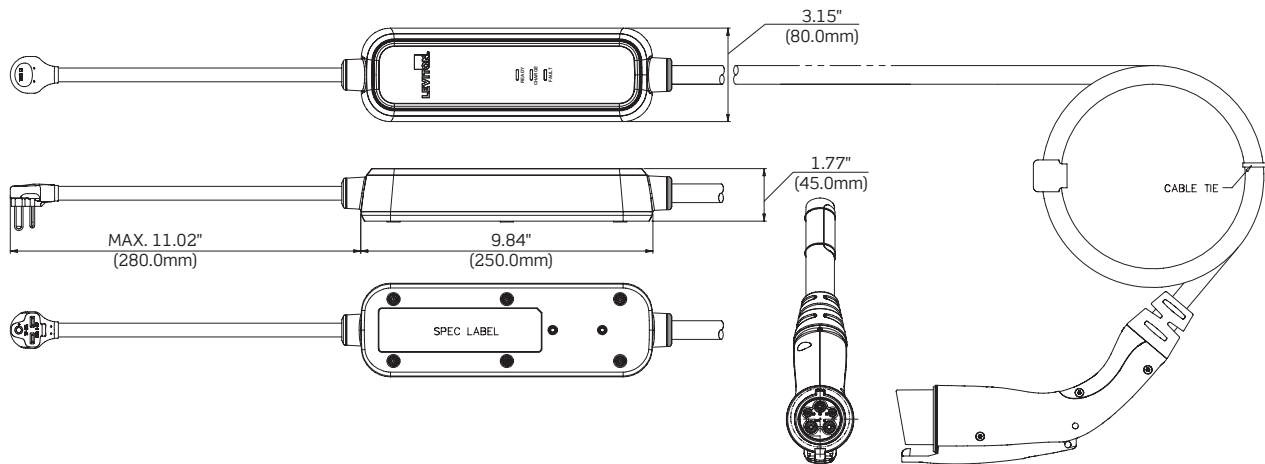
Features and Benefits

- Charging station can use an existing 30 Amp circuit, simply install a NEMA 6-30R receptacle for operation
- Compact design, the enclosure weighs about 2 pounds
- Included mounting bracket provides convenient docking location and is compliant with UL requirements – removable without any tools
- 12' and 18' charging cable options available
- Provides thermal, over and under current, overvoltage and short circuit protection
- Enclosure is rated NEMA Type 6 for temporary submersion
- Automatic de-energization of the cable in case of rupture or separation of the cable
- "Auto-Reclosure" feature enables charging to restart following a minor power faults, thereby reducing the chance of having an undercharged battery
- Continuously monitors/supervises the ground connection between the AC Supply and EV to ensure safe and reliable charging
- Compatible with all Electric Vehicle Supply Equipment (EVSE) Standards and Recommended Practices, including SAE J1772™, NEC 625, UL 2231 and UL 2594
- 2 Year Limited Warranty

Common Applications ■ Residential Use ■ Commercial/Parking Garages ■ MDUs



Dimensions



Specifications

Electrical Input	EVBL2-P12 & EVBL2-P18
Amperage	20 A
Voltage	208 V AC – 240 V AC
NEMA Configuration	NEMA 6-30P
Breaker	30 A 2-Pole
Circuit	30 A dedicated circuit
Electrical Output	
Output Power	4.8 kW (20 A @ 240 V)
Charging Connector	SAE J1772™ Charge Connector on 12' (3.66 m) or 18' (5.48 m) cord
Material Specifications	
Enclosure	Thermoplastic
Charging Cable	UL EVE
Environmental Specifications	
Operating Temperature	-40 °F to +122 °F
Storage Temperature	-40 °F to +176 °F
Operating Humidity	5-90% non-condensing
Enclosure	NEMA Type 6
Charge Connector	NEMA Type 3S

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 2231-2	Meets Electromagnetic Compatibility (EMC) requirements
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
NOM-ANCE	Norma Oficial Mexicana

Ordering Information

Cat. No.	Description
EVBL2-P12*	Evr-Green® Mini Charging Station, 208/240VAC, 4.8kW output, 12' charging cable, cord-connected (plug-in). Charging Station requires a 30 Amp, 250 Volt, NEMA 6-30R, 2P, 3W receptacle for operation.
EVBL2-P18*	Evr-Green® Mini Charging Station, 208/240VAC, 4.8kW output, 18' charging cable, cord-connected (plug-in). Charging Station requires a 30 Amp, 250 Volt, NEMA 6-30R, 2P, 3W receptacle for operation.

* Compatible with NEMA 6-30R, 30A Receptacle - Leviton catalog number 5372 & 2-Gang Flush Mount Wallplate - Leviton catalog number 83026



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