Product Bulletin

evr-green® e30+
Electric Vehicle Charging Station With RFID

Level 2 EV Charging: 30 Amp, 7.2kW

The Evr-Green® e30+ Electric Vehicle Charging Station with RFID enables cardholders convenient access to fast charging for any SAE 1772™ compatible electric vehicle. The RFID technology provides security by preventing unauthorized use. EV drivers can quickly and easily activate the charger by tapping their RFID card on the front of the unit.

Features & Benefits:

- Compatible with all Electric Vehicle Supply Equipment (EVSE) Codes, Standards and Recommended Practices, including SAE J1772™, NEC® 625, UL 2231 and UL 2594
- Equipped with RFID reader for user identification
- Compact size and unique wiring compartment design provides a hassle-free installation
- Water-Resistant enclosure is rated NEMA Type 3R for indoor and outdoor use
- Thermoplastic, vandal-resistant enclosure withstands the harshest environments
- "Auto-Reclosure" feature enables charging to restart following a minor fault, thereby reducing the chance of having an undercharged battery
- Ground monitor interrupter circuit for safety
- Integrated On/Off switch to minimize standby power
- Equipped with convenient mounting bracket, cable management hook not included
- Compatible with Evr-Green® EVSE Pedestal System
- 2-year limited warranty
- 2 RFID cards included



Charging connector includes safety locking feature which accommodates a small padlock

Status indicator lights alert power, charging status and faults

Durable, water-resistant enclosure withstands the harshest environments

25' EV charging cable

Ordering Information

Cat. No.	Description
EVR30-R25	Evr-Green® e30+ Charging Station with RFID, 30A, 208-240VAC, 7.2kW output, 25' charging cable, hardwired, 2 x RFID cards
EVRFI-000	Additional RFID Card

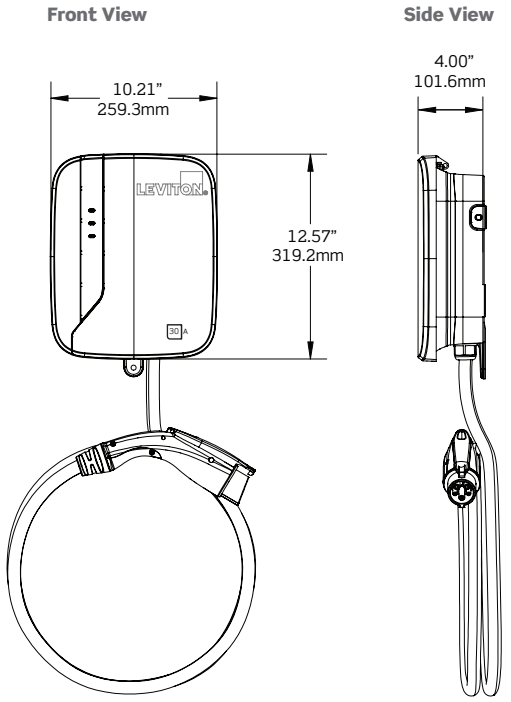
Common Applications ■ Office Building ■ Multi-Tenant

Specifications

Electrical Input	EVR30-R25
Amperage	30A
Number of Phase / Wire	L1, L2 and Ground
Voltage	208VAC - 240VAC
Standby Power	< 5 W
Electrical Output	
Output Power	7.2kW (30A @ 240V)
Charging Connector	SAE J1772 Charge Connector on 25' (7.62m) long cable
Cold-Load Pickup	Randomized delay before charge resumes after power failure
Protection	
Upstream	2P 40A breaker on dedicated circuit, non-GFCI type
Electrical	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Status Indicators	Power (AC Present), Charge, Fault
Card Reader	RFID card reader ISO/IEC 14443 compliant
Material Specification	
Enclosure	Thermoplastic
Charging Cable	UL Type EV
Environmental Specifications	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +176°F (-40°C to +80°C)
Operating Humidity	< 95% relative humidity, non-condensing
Enclosure	NEMA Type 3R
Charge Connector	NEMA Type 3S
Standards, Codes & Recommended Practices	
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 2231-1	Standard for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits
UL 2231-2	Standard for Safety 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 Flexible Cords and Cables

Standards, Codes & Recommended Practices (cont.)	
SAE J1772™	Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler
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 Official Mexicana
CSA Standards	
CSA-C22.2 No. 280	Standard for Electric Vehicle Supply Equipment
CSA-C22.2 No. 281.1	Standard for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements
CSA-C22.2 No. 281.2	Standard for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems
CSA-C22.2 No. 282-13	Standard for Plugs, Receptacles and Couplers for Electric Vehicles

Dimensions



Visit our Website at:
www.leviton.com/evrgreen
email: commercial@leviton.com

Leviton Manufacturing Co., Inc.
201 N Service Rd, Melville, NY 11747
Telephone: 1-800-323-8920 • FAX: 1-800-832-9538
Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday): 1-800-824-3005

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ISO 9001 REGISTERED Quality Manufacturer