

EVCVM-50



Color :  Gray

UPC Code : 078477034897

Country Of Origin : Mexico

NEMA :  14-50R

50A Weather-Resistant EV Charging Outlet with Outdoor Weatherproof Metal Cover, Surface Mount

50 Amp, 125/250 Volt, NEMA 14-50R, 3-Pole, 4-Wire, Heavy Duty EV Charging Receptacle / Outlet, Straight Blade, Weather-Resistant, Pre-assembled Outlet and Outdoor, Weatherproof Metal Cover, Surface Mount – Gray

ROHS Compliant : Yes

- CONVENIENT – All-in-one, pre-assembled outlet and cover code compliant solution with pre-wired ground.
- VERSATILE – Specifically designed for plug-in EV chargers. Flexible knockouts make installation flexible in a variety of setups.
- POWERFUL – Weather-Resistant EV Outlet engineered to handle the extended charge times and frequent plug-ins that EVs demand while delivering consistent, reliable power outdoors.
- DURABLE and WEATHERPROOF COVER – Crafted from galvanized steel with a welded flange and NEMA 3R rating for superior corrosion resistance that stands up to rain, snow, and other tough outdoor conditions..
- SAFE – While-in-use cover designed for continuous protection, the cover closes and locks securely even with a NEMA 14-50P EV charging plug inserted. Keeps your connection safe from weather and tampering during active use.
- COMPATIBLE – Works seamlessly with plug-in EV chargers such as Leviton's EV Series [Smart Home Plug-In](#)

Technical Information

Product Features

Amperage : 50A

Color : Gray

Device Type : Weather-Resistant Outlet / Weatherproof Cover

Feature : Weather-Resistant

Electrical Specifications

Amperage : 50A

Voltage : 125/250 VAC

Grade : Heavy-Duty/EV

Grounding : Grounding

Operating Temperature : -40° C to 60°C

Pole : 3

Wire : 4

Mechanical Specifications

Terminal Accom. : For use with #4, #6 or #8 AWG copper wire ONLY. May use #10 AWG solid wire for ground connection. DO NOT use with copper-clad or aluminum wires on this device.

Material Specifications

Face Material : Nylon

Cover : G90 galvanized steel

Terminal ID : X (Brass screw or Black screw) = Hot, Y (Brass screw or Black screw) = Hot; White (Silver screw) = Neutral; Green (Green screw) = Ground

Termination : Side-wired

Torque Range : 75 in-lbs.

Standards and Certifications

NEMA : 14-50R

Agency : cULus

Code Compliant : NEMA 3R
Rated, 2020 NEC 625.56

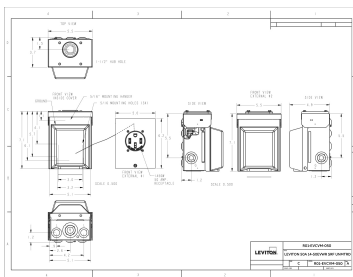
Warranty

Warranty : 1-Year Limited

Features and Benefits

- All-in-One, Pre-Assembled Convenience: Includes a 50A Leviton 1450W outlet and durable outdoor cover with factory-wired ground.
- Code Compliant: Pre-assembled outlet with cover meets NEC 625.56 requirements for wet and damp locations, eliminating the need to purchase and install a separate cover.
- Purpose-Built for EV Charging: Designed specifically for EV plug-in chargers, while also supporting RVs, trailers, and other high-powered appliances for maximum flexibility.
- EV-Ready Performance: Built to handle extended charging sessions and frequent plug-ins, ideal for daily EV use and long-term reliability.
- Flexible Installation Options: Multiple knockouts on the cover make it easy to adapt to different mounting setups. Supports both wall and pedestal installations, making it suitable for a wide range of layouts and retrofit scenarios.
- Future-Proof & Homeowner-Friendly: A smart choice for homeowners who prefer plug-in over hardwired setups, and for builders creating EV-ready environments in multi-unit dwellings.
- Perfect for Outdoor Use: Stands up to rain, snow, and harsh conditions, perfect for any outdoor power needs..
- Built Tough with Galvanized Steel: Powder-coated steel construction with a welded flange and NEMA 3R rating ensures long-lasting durability and corrosion resistance.
- Secure & Safe by Design: While-in-use lockable cover and dead front design help prevent accidental contact and unauthorized access.

Dimensional Drawing



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Leviton has a global presence.

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