



Color : ☐ Clear

UPC Code : 078477035429

Country Of Origin : China

EVCVP-50

50A Weather-Resistant EV Charging Outlet with Clear Outdoor While-in-use Cover

50 Amp, 125/250 Volt, NEMA 14-50R, 3-Pole, 4-Wire, Heavy Duty EV Charging Receptacle / Outlet, Straight Blade, Weather-Resistant Outlet with Extra Duty Weatherproof While-in-use Cover, Flush Mount – Clear

- CONVENIENCE – All-in-one kit includes a 50A EV outlet and an outdoor while-in-use cover, providing a ready-to-install, code-compliant solution for safe and reliable outdoor EV charging. Must be installed in a 2-gang outdoor box (sold separately)
- SLEEK & LOW-PROFILE DESIGN – Flush-mount cover offers a clean, modern look that blends seamlessly into residential or commercial exteriors.
- POWERFUL – Engineered to handle the extended charge times and frequent plug-ins that EVs demand while delivering consistent, reliable power.
- DURABLE AND WEATHERPROOF COVER– Extra-duty, UV-resistant polycarbonate construction with NEMA 3R rating ensures protection against moisture, debris, insects and outdoor elements for reliable performance in harsh environments. For a weather-tight seal, apply silicone around the back gasket during installation.
- SAFE – Lockable while-in-use cover protects against weather, tampering, and unauthorized access. Secures even with a NEMA 14-50P EV plug inserted for continuous protection.
- COMPATIBLE – Works seamlessly with Leviton's EV Series Smart Home Plug-In

Technical Information

Product Features

Amperage : 50A

Color : Clear

Device Type : EV Outlet with Clear Outdoor While-in-use Cover

Feature : Weatherproof| 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 : Polycarbonate

Cover Grade : Extra Duty

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

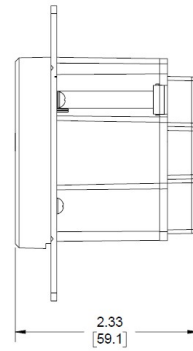
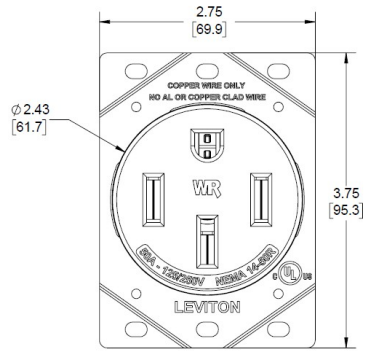
Warranty

Warranty : 1-Year Limited

Features and Benefits

- All-in-one kit includes a weather-resistant 50A EV outlet and a clear, extra-duty while-in-use cover, providing a ready-to-install, code-compliant solution for safe and reliable outdoor EV charging.
- Sleek and low-profile design: Flush-mount installation with a durable plastic cover offers a clean, modern look that blends seamlessly into residential or commercial exteriors.
- Code Compliant: Built for NEC-compliant outdoor setups. Must be installed in a 2-gang outdoor box (sold separately).
- 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.
- 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.
- Durable & Weatherproof for Outdoor Use: Extra Duty, UV-resistant polycarbonate with NEMA 3R rating ensures protection against rain, snow, and harsh conditions— perfect for driveways and car ports.
- Secure & Safe by Design: While-in-use lockable cover prevents accidental contact and unauthorized access, even during use—ensuring continuous protection and peace of mind.
- Easy Install: Configurable cover for multiple round receptacle sizes (1-1/4" to 2-7/16").
- Requires a standard 2-gang wallbox (sold separately).
- For a weather-tight seal, apply silicone around the back gasket during installation.

Dimensional Drawing



NOTES:
1. DIMENSIONS ARE SHOWN AS INCHES/MM

SPECIFICATION SUBMITTAL

JOB NAME: JOB NUMBER:	CATALOG NUMBERS: <table border="1"> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>				

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