

40A Electric Vehicle Charge Connector Assembly

For SAE J1772™ Level 2 Compliant Charging

Industry Only
J1772 Connector
Rated to 40Amp



Leviton is proud to announce the introduction of the 40 Amp Electric Vehicle Charge Connector Assembly. Featuring a superior ergonomically designed connector handle and high performance UL Type EV cable, Leviton EV Charge Connector Assemblies are the smart choice for integrating into your Electric Vehicle Supply Equipment.

Features and Benefits:

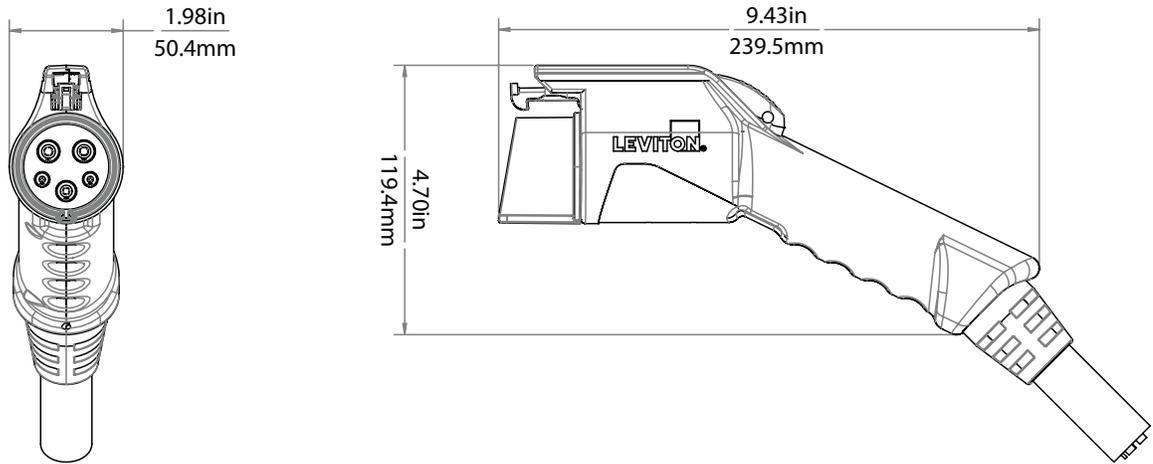
- SAE J1772™ compliance to ensure compatibility with all compliant EV supply equipment and electric vehicles
- 25ft flexible and durable 3 X 8AWG cable meets all UL 62 standards
- Silver over nickel-plated copper alloy contacts for superior conductivity and corrosion resistance
- Designed to provide greater than 10,000 operating cycles – that's more than 27 years of daily use*
- NEMA 3S enclosure rating ensures continuous operation even in extreme conditions
- Anti-theft mechanism provides protection against unauthorized use
- Leviton EVSE are preferred by 3 major automakers and used in 3,000+ dealerships

* Assumes one charging cycle per day



EVJ46-PEV

Dimensions for EVJ46-PEV



Specifications for EVJ46-PEV

Mechanical Specifications	
Cable for 40A Connector	3-8 AWG + 1 18 AWG conductor
Material Specifications	
Charge Connector Housing	Valox® IQ357U
Contacts	Silver over Nickel-Plated Copper Alloy
Strain Relief Bushing	Santoprene™ TPE
Cable	UL Type EVE
Environmental Specifications	
Enclosure Rating	NEMA 3S
Operating Temperature	-30°C (-22°F) to +50°C (122°F)
Storage Temperature	-40°C (-32°F) to +80°C (176°F)
Standards and Certifications	
UL 2251	Plugs, Receptacles and Couplers for Electric Vehicles
UL 62	Flexible Cords and Cables
NEC 625	Electric Vehicle Charging System Equipment
SAE-J1772	Electric Vehicle Conductive Coupling

Ordering Information

Cat No	Description	Assembly Weight
EVJ46-PEV	40A Max, 208–240V AC Level 2 EV Charge Connector Assembly, 25ft Cord Length	13.2 lbs

Related Products

Cat No	Description	Assembly Weight
A2034-PEV	30A Max, 208-240V AC Level 2 EV Charge Connector Assembly, 20ft Cord Length	10.3 lbs
A2055-PEV	15A Max, 208-240V AC Level 2 EV Charge Connector Assembly, 25ft Cord Length	5.1 lbs

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