



Best Level 2 EV Charger

Proudly named the Best Level 2 EV Charger by Motortrend, InsideEVs, State of Charge, Torque News, Car Talk and GoodHousekeeping.



Smart Charging

Customize charging settings, see real-time charging rate, charge during optimal off-peak hours, and customize your charging schedule remotely through our intuitive Emporia mobile app.



Outdoor rated

The Type 4 enclosure is watertight, making it safe for indoor or outdoor installation.



Fast & Powerful

Swift and efficient charging for all electric vehicle models Maximum charge power of up to 11.5kW (48 Amps) with a hardwired setup or 9.6kW (40 Amps) with a NEMA 14-50 outlet connection

Hardware

⚡ Level 2 /48 amp

⚡ Hardwire and NEMA 14-50 configurations

☀️ Outdoor rated

★ Energy Star

📄 UL Certified

🔌 25-foot charging cable

📶 2.4 GHz WIFI

⚡ NACS or J-1772 Connectors

🔌 Integrated Cable Management

Smart Charging

🕒 Custom charging scheduling

📄 Monthly Charging Report

🕒 Time of use scheduling

🔄 Real-time charging rate

General Specifications

Input Voltage	208/240 VAC 50/60 HZ
Charge Power	11.5KW (240V/48A) / 9.6kW (240V/40A) / 10kW (208V/48A) / 8.3kW (208V / 40A)
Connector	Connector 25' cable SAE J1772 or NACS connector with built in UHF sensor that opens the Tesla charging port
Connectivity	Wi-Fi 2.4GHz IEEE 802.11.b/g/n
Install Methods	NEMA 14-50 Plug (up to 40A) with 25" cable, Hardwired (up to 48A)
Required Breaker	Dedicated 50A+ dual pole for 40A Dedicated 60A+ dual pole for 48A
GFCI	For safety reasons, the Emporia Charger uses an internal GFCI breaker. It is recommended that the charger be installed on a non-GFCI panel breaker to avoid nuisance tripping. If local electrical code requires a GFCI panel breaker for a NEMA 14-50 plug circuit, Emporia recommends purchase of the hardwire version of this charger.
Enclosure	Watertight NEMA Type 4 Indoor/Outdoor
Temp Range	-22°F to 122°F (-30°C to 50°C)
Dimensions	320 x 230 x 86 mm
Ventilation	No Ventilation Required

Safety & Environmental Features



The Emporia Classic Smart EV Charger is manufactured to meet the safety criteria defined by these international standards: NEC 625 – Electric Vehicle Charging System Equipment; SAE J1772 – Electric Vehicle Conductive Charger Coupler Standard; SAE J3400 – North American Charging Systems (NACS) for Electric Vehicles; UL 817 – Cord Sets and Power-Supply Cords; UL 991 – Safety Tests for Safety-Related Controls Employing Solid Devices; UL 2251 – Standard for Plugs, Receptacles, and Couplers for Electric Vehicles; UL 2594 – Standard for Electric Vehicle Supply Equipment.

Certifications	Safety: UL 2594 (E528156) EMC: FCC, ISED Efficiency: Energy Star
Ground Fault Interrupt	15mA to 20mA trip sensitivity to protect against electric shock.
Missing Ground Detection	Safety ground is constantly monitored during operation. Charging is shut off if the ground is missing.
Plug Removal Safety	EV connector / cable is de-energized when uncoupled from EV.
Vehicle Ventilation Required	Checks for ventilation requests from EV, which are not supported, and stops delivering power to the vehicle.