The SemaConnect Series 4 EV Home Charger is designed for drivers who want to charge their electric vehicle safely and in the privacy of their own home. With innovative features, the Series 4 allows for maximum power delivery, greater convenience, and the advanced technology drivers need to ensure their vehicle is ready to go.

Key Features

- Level 2 Charger (240V) with flexible amperage up to 50A
- WiFi Enabled
- Easy-to-Read OLED Display
- Long 25-foot Cable
- Easy Installation

Additional Features

- Charges up to 37 miles of range per hour
- Flexible configuration: power output level (16-50 A) can be configured to accommodate a range of circuit breakers
- J1772™ Plug is compatible with all EVs and plug-in hybrids
- Wireless technology allows for easy over-the-air firmware upgrades
- Phone app pre-schedules sessions, power shares, & locks the station
- NEMA 14-50 electrical plug or hard-wired option
- Alexa Voice Control: will be compatible in the future
- Fleet-ready: will support power sharing and fleet vehicles in the future

Power Specs

AC Power Output, maximum	Level II: 12kW (240VAC@50A)
AC Power Input	Level II: 50A; Line 1, Line 2 and GND (no neutral)
Ports Per Charging Station	One
Vehicle to Charger Connection	SAE J1772 EV Connector, 25ft Cable
Energy Metering Accuracy	+-1%
Standby Power	3.9W typical
Service Panel Breaker	2-pole, common trip 20-80A circuit breaker

Safety Specs

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic Plug-Out Detection	Pwr terminated per SAE J1772 spec
General Safety Compliance	UL 2231-1, 2231-2, UL2594 and NEC Article 625

Network Specs

Data Communication	WiFi
Network Communication Protocol	OCPP
Network Security	HTTPS-WSS; 128 bit AES Encryption

Communication Device Specs

LED Array	High visibility, multi-color visual status indication
LED Display	Graphical OLED

Environmental Specs

Outdoor Rated	NEMA 3R
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class B
Dimensions	15" H (21" with cable holder) x 6.25" W x 6" D
Approximate Shipping Weights	15 lbs
Installation / Use	Wall Mount / Indoor and Outdoor
Wall and Cable Mount	Integrated