

The Series 5: Apartment and Condo Applications



The Series 5 for Personal Parking

Designed for the use of one driver with a dedicated parking space at an apartment complex or condo. This personal solution supports a monthly billing for station owners.

- 1) Users will be able to charge their cars right at their assigned spots
- 2) The SemaConnect Network allows you to easily manage EV Charging Stations and add new stations or drivers
- 3) Drivers pay a monthly fee for their charging, plus the cost of electricity and parking at their designated spots

Features

Wireless Technology

The Station communicates with the software and produces real-time data.

Interactive LED Lights

Quickly identify the station status: blue is available, green is charging, and red detects a ground fault.

Rugged Aluminum Enclosure

Prevents damage from nature and natural elements.

Backlit LCD Screen

Easy reading for costs and station status.

Smart Card Authentication

Open or closed access available for EV Drivers.

Pay with PlugShare

Find, start, and pay for charging through the most widely used EV app.

J1772™ Plug

Charge all new electric or plug-in hybrid electric vehicles including Tesla.



Power Specs

AC Power Output, maximum (per port)	Level II: 7.2kW (208/240VAC@30A)
AC Power Input (per port)	Level II: 30A; Line 1, Line 2 and Earth (no neutral)
Ports Per Charging Station	One
Vehicle to Charger Connection (per port)	SAE J1772 EV Connector, 18ft Cable
Energy Metering Accuracy	1% at 5 min interval (standard), 0.5% optional
Standby Power	5 mA typical
Service Panel Breaker (per port)	Dual-pole 40A breaker, dedicated circuit

Safety Specs

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

Network Specs

Data Communication Cellular	4G LTE
Network Communication Protocol	TCP/IP
Network Security	HTTPS; 128-bit AES Encryption

Communication Device Specs

LED Array	High visibility, multi-color visual status indication
LCD Screen	2 line, 16 characters per line

Environmental Specs

Outdoor Rated	NEMA 3R per NEMA250-1997
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30degC to +50degC ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class A
Dimensions	15in high x 6in wide x 6in deep
Approximate Shipping Weights	Head unit and cable: 35 lbs Bollard Pedestal: 22 lbs Wall mount bracket: 8 lbs