The Series 5 for **Personal** Parking

Designed for the use of one driver with a dedicated parking space and supports monthly billing.

- Users will be able to charge their cars right at their assigned spots

- The SemaConnect Network allows you to easily manage EV Charging Stations and add new stations or drivers

- Drivers pay a monthly fee for their charging, plus the cost of electricity and parking at their designated spots

Features

Wireless Technology
Communicates with the network and produces real-time data

Rugged Aluminum Enclosure
Prevents damage from nature and natural elements

Built-In Electricity Metering
Manage your electricity cost

For a Single Driver
Users will be able to charge their cars right at their assigned spots

Interactive LED Lights
Quickly identify the station status

Backlit LCD Screen
Easy reading for costs and station status

Smart Card Authentication
Easy access for EV Drivers

Convenient Access Panel
Easy installation and connectivity

J1772™ Plug
Charges all electric or plug-in hybrid electric vehicles

Compact Design   Easy Installation   Simple Service Fee   Easy to Manage   Generate Revenue   Smart Grid Ready
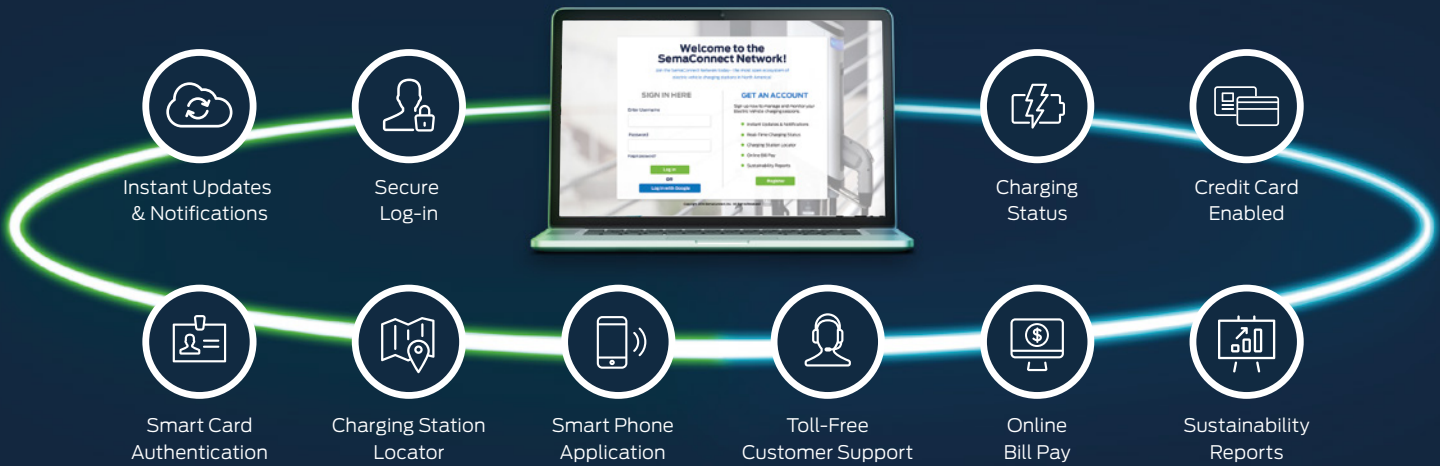
ENERGY STAR

The Network. It's what makes the **Station** smart.

Instant Updates & Notifications

Secure Log-in

Charging Status

Credit Card Enabled

Smart Card Authentication

Charging Station Locator

Smart Phone Application

Toll-Free Customer Support

Online Bill Pay

Sustainability Reports

Designing the SemaConnect Station came with one goal in mind:

To create the perfect electric vehicle charging station suitable for multifamily applications

the perfect charging station for apartments and condos. it's compact form factor, ease of installation and comprehensive online management system make it the best choice for charging electric vehicles.

Multiple mounting options:

single pedestal

double pedestal

wall mount

SemaConnect 5 Series Technical Specifications

Power Specification

AC Power Source	**208/240V, center grounded, 60Hz supply**
Power to Electric Vehicle	**30A maximum, 7.2kW@240VAC**
Branch Circuit Protector	**2-pole, common trip, 40AMP**
Vehicle-to-Charger Connection	**SAE J1772™ EV Connector via 18ft Cable**
Energy Metering Accuracy	**1% at 5min intervals; 0.5% capable**
Standby Power	**5 mA typical**

Safety Specification

Personnel Protection System	**Charging Circuit Interrupting Device (CCID) Trip Threshold 5mA, CCID 5 per UL2231-2, Auto reset with 15min delay**
Automotive Unplug Detection	**Charger output voltage terminated**
Codes and Stadards Compliance	**UL 2231-1, 2231-2 and UL2594 compliant, NEC Article 625 compliant**

Network Specification

Wide Area Network	**Commercial CDMA or GPRS celluar network**
Network Security	**128-bit AES Encryption**
Smart Card Reader	**ISO 15693 (iCLASS), ISO14443 (MIFARE, DESFIRE)**

Charger Status Displays

LED Array	**270° visibility, multi-color visual status indicator**
LCD Screen	**2 lines, 16 charecters per line, backlit**

Environmental Specs

Outdoor Rated	**NEMA 3R**
Operating Humidity	**Up to 95% non-condensing**
Operating Temperature	**-22 °F to 122 °F (-30 °C to +50 °C)**

Other Specifications

Surge Protection	**6kV@ 3,000A per UL 2231-2,**
EMC Compliance	**FCC Part 15 Class A, IC RSS-210**
Approx. Shipping Weights	**Head unit and cable: 35 lbs, Bollard pedestal: 22lbs, Wall mount bracket: 8lbs**
Dimensions	**15in high x 6in wide x 6in deep**

SemaConnect™

Bulbs.com