



The Series 5 for **Person 8I** 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 • Single Driver  
Users will be able to charge their cars right at their assigned spots

Interactive LED Lights  
Quickly Identify the station status

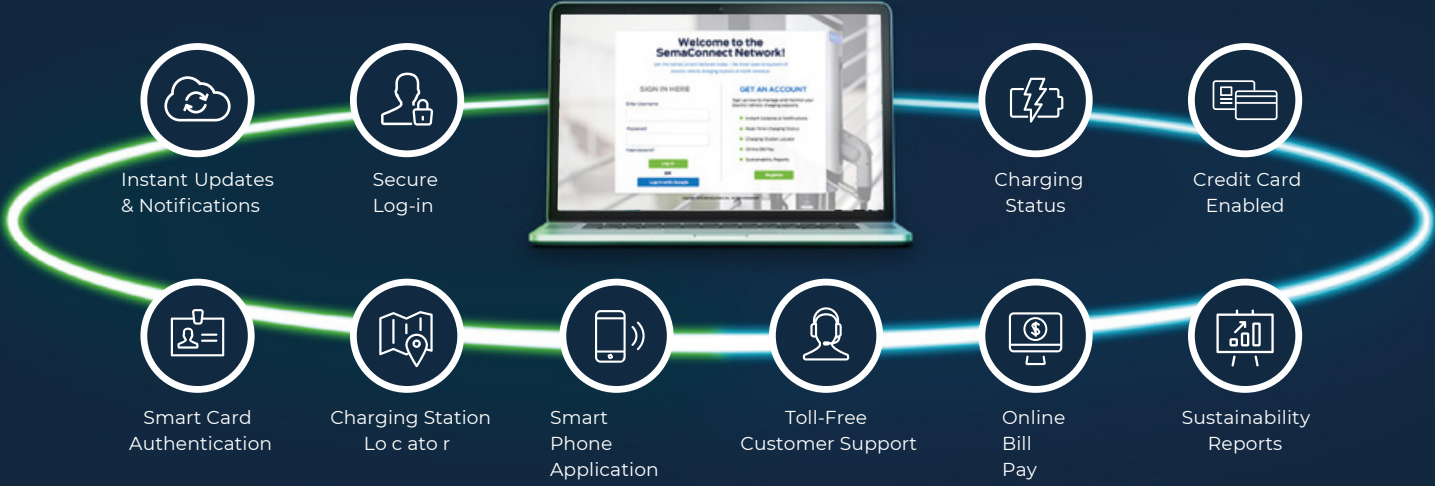
Backlit LCD Screen  
Easy reading for costs and station status

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



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



## SemaConnect 5 Series Technical Specifications

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. Its compact form factor, ease of installation and comprehensive online management system make it the best choice for charging electric vehicles.

### 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 Standards Compliance	UL 2231-1, 2231-2 and UL2594 compliant, NEC Article 625 compliant

### Network Specification

Wide Area Network	Commercial CDMA or GPRS cellular 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 2
LCD Screen	lines, 16 characters 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  
1  
5in high x 6in wide x 6in deep

Multiple mounting options:



single pedestal

double pedestal

wall mount



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