



**SemaConnect™**

# SemaConnect 6 Series Charging Station

The perfect EV Charging solution

The electric vehicle generation is happening now. With the SemaConnect Station, you won't be a part of the green movement.

**You'll lead it.**



**Wireless Technology**

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

**Rugged Aluminum Enclosure**

Prevents damage from nature and natural elements.

**Built-In Electricity Metering**

Manage your electricity cost.

**Pay with  PlugShare**

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

**Convenient Access Panel**

Easy installation and connectivity.

**Interactive LED Lights**

Quickly identify the station status with blue meaning available, green is charging in use, and red signals a ground fault detection.

**2-Line Backlit LCD Screen**

Easy reading for costs and station status.

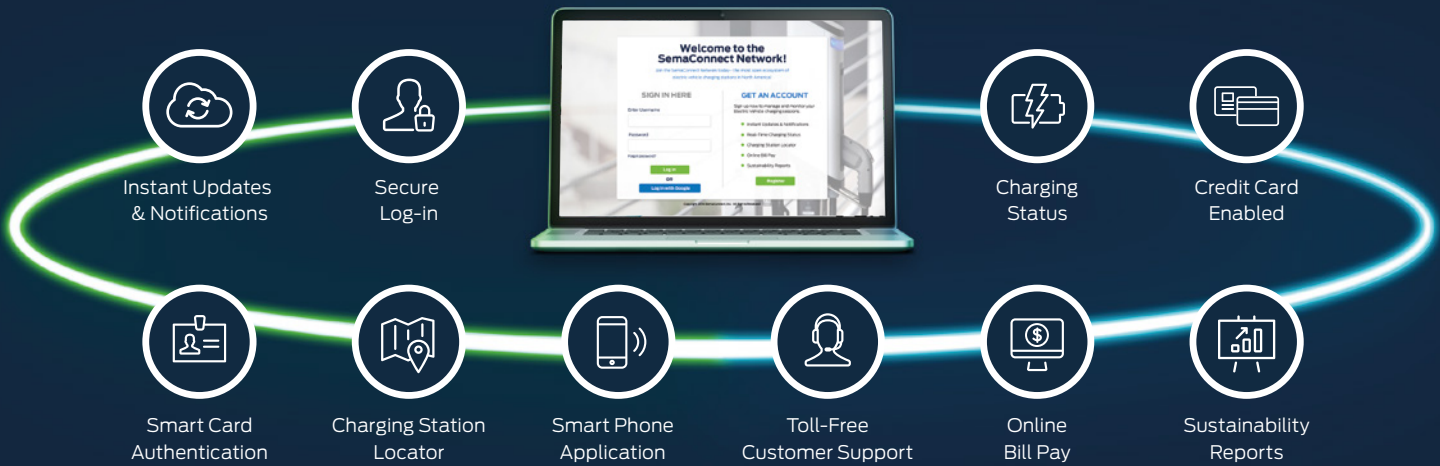
**Smart Card Authentication**

Open or closed access available for EV Drivers.

**J1772™ Plug**

Charge all new electric or plug-in hybrid electric vehicles including Volt, Tesla, BMW, Leaf, Focus and more.

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



Designing the SemaConnect Station came with one goal in mind:

## To create the perfect electric vehicle charging station suitable for commercial applications

such as multifamily, office, hotel, retail, fleet, municipality and urban garages. 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 6 Series Technical Specifications

### Power Specification

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

### Safety Specification

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

### Network Specification

Wide Area Network	<b>Commercial CDMA or GPRS cellular network</b>
Network Security	<b>128-bit AES Encryption</b>
Smart Card Reader	<b>ISO 15693 (iCLASS), ISO14443 (MIFARE, DESFIRE)</b>

### Charger Status Displays

LED Array	<b>270° visibility, multi-color visual status indicator</b>
LCD Screen	<b>2 lines, 16 characters per line, backlit</b>

### Environmental Specs

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

### Other Specifications

Surge Protection	<b>6kV@ 3,000A per UL 2231-2,</b>
EMC Compliance	<b>FCC Part 15 Class A, IC RSS-210</b>
Approx. Shipping Weights	<b>Head unit and cable: 35 lbs, Bollard pedestal: 22lbs, Wall mount bracket: 8lbs</b>
Dimensions	<b>18in high x 6in wide x 6in deep</b>