



SemaConnect



## The Series 8: Retail Applications



### The Series 8 for Retail Parking

NO MEMBERSHIP REQUIRED

One of the most convenient EV charging stations available today. The Series 8 EV Charging Station was designed for commercial applications where drivers are likely to pay with a credit card. This means no membership is required to charge your vehicle. This is perfect for all commercial applications, including: shopping malls, hospitals, municipal parking, and any retail location.

Pay  
With



#### Features

- Two EV charging plugs/ supports two parking spaces
- Easily implement desired pricing policy
- Duration-based (hourly), Time-of-Use, and kWh
- Credit card reader accepts all major credit cards
- Supports physical and contactless payment options
- Create access policies for public, private, or multi-group
- Sharing features include:
  - Real-time availability
  - Charging status
  - Alerts / notifications
  - Station wait-list feature
- Smart Card Authentication
- Pay with PlugShare
- Large display delivers instructions, rates, and details
- Video cam for future applications (e.g. vandalism, theft)
- ENERGY STAR Certified
- Optional Cable Management System





## 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               | Two  |
| Vehicle to Charger Connection (per port) | SAE J1772 EV Connector, 18ft Cable                   |
| Energy Metering Accuracy                 | +/-1%  |
| Standby Power                            | 6.5W 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/email           |
| General Safety Compliance              | UL 2231-1, 2231-2, and UL2594, NEC Article 625 compliant |

## Network Specs

|                                |                                   |
|--------------------------------|-----------------------------------|
| Data Communication Cellular    | Cellular 4G LTE                   |
| Network Communication Protocol | OCCP                              |
| Network Security               | HTTPS-WSS; 128-bit AES Encryption |

## Communication Device Specs

|           |   |
|-----------|---|
| LED Array | High visibility, multi-color visual status indication |
| Display   | Color LCD, 480 x 272                                  |

## Environmental Specs

|                       |                            |
|-----------------------|----------------------------|
| Outdoor Rated         | NEMA 3R                    |
| 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<br>Bollard Pedestal: 22 lbs<br>Wall mount bracket: 8 lbs |
| Installation                 | Indoor / Outdoor   |
| Wall and Cable Mount         | Integrated   |