



SemaConnect

The Series 8 EV Charging Station

Designed & Built for Retail - 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.

NO MEMBERSHIP REQUIRED

PAY WITH



Features

- Two EV charging plugs / supports two parking spots
- 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 waitlist feature
- Smart card authentication
- Pay with PlugShare
- Large display delivers instructions, rates, and details
- Video camera for future applications
- Optional cable management system



Distributed by BULBS.COM
243 Stafford Street • Worcester, MA
01603 888.455.2800 • bulbs.com





Power Specs

AC Power Output, maximum (per port)	Level II: 7.2kW (240VAC@30A)
AC Power Input (per port)	Level II: 30A; Line 1, Line 2 and GND (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 trip 40A breaker, dedicated circuit

Safety Specs

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

Network Specs

Data Communication Cellular	Cellular 4G LTE
Network Communication Protocol	OCPP
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
Operating Temperature	-30 degree C to +50 degree C ambient

Environmental Specs

Outdoor Rated	NEMA3R
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient

Other Specs

Surge Protection	6kV@3,000A
EMI Compliance	FCC Part 15 Class A
Dimensions	11" H x 7.5" W x 7.5" D
Approximate Shipping Weights	Head Unit and Cable - 28 lbs. Pedestal Mount - 11 lbs. Wall Mount - 10 lbs
Installation	Indoor / Outdoor
Wall and Cable Mount	Integrated

