

# The Series 6 EV Charging Station

The Smart EV Charging Station Built  
for Commercial Applications



## Simplified Management You'll Be Amped About

The Series 6 smart EV charging station was designed with one goal in mind: To enable successful, robust EV charging programs in commercial settings such as multifamily, workplace, hotel, retail, government, and healthcare facilities.

Its compact form factor, ease of installation, and smart network capabilities make it the clear choice for any commercial application.

## Features

At SemaConnect, we provide a comprehensive turnkey solution for all our customers to ensure that your electric vehicle charging station program is implemented and running smoothly.

- **4G LTE Wireless Technology** – The Series 6 communicates with the cloud via built-in 4G LTE signal
- **Rugged Aluminum Enclosure** – Prevents damage from nature and natural elements
- **Interactive LED Lights** – Quickly locate stations and understand their status with a bright LED light
- **Built-In Electricity Metering** – Manage electricity cost with an intuitive, smart network connection
- **Universal J1772™ Plug** – Charge all electric or plug-in hybrid electric vehicles. (Tesla vehicles require Tesla-provided adapter)
- **Convenient Access Panel** – Panel makes installation and connectivity a breeze
- **Flexible Access Control & Pricing** – Whether open to the public or completely private, station owners can easily manage driver groups

# Series 6 EV Charging Station: Technical Specifications

**At SemaConnect, we're committed to making the sophisticated simple and the revolutionary reachable.**

SemaConnect premium charging stations make the electric vehicle revolution accessible to everyone with turnkey operations and intuitive management you'll be amped about.

From installation onward, we make EV charging easy for commercial, fleet, and residential. Work with one team for hardware, software, cloud solutions, and partnership to power everything that comes next.



## Electrical

<b>AC Power Output, Maximum (Per Port)</b>	Level II: 7.2 kW (240VAC@30A) or 6.24kW (208VAC@30A)
<b>AC Power Input (Per Port)</b>	Level II: 30A; Line 1, Line 2 and GND (no neutral)
<b>Vehicle to Charger Connection (Per Port)</b>	SAE J1772 EV Connector
<b>Energy Metering Accuracy</b>	+/- 1%
<b>Standby Power (Per Port)</b>	4.11 W Typical
<b>Service Panel Breaker (Per Port)</b>	Dual-pole common trip 40A breaker, dedicated circuit
<b>ENERGY STAR</b>	Compliant
<b>California Type Evaluation Program (CTEP) Compliance</b>	Certified

## Safety

<b>Safety, Ground Fault Circuit Interrupt</b>	20mA CCID with auto retry (every 15 seconds)
<b>Automatic Plug-Out Detection</b>	Power terminated per SAE J1772 spec: SMS or email notification
<b>Surge Protection</b>	6kV @3,000A
<b>Safety &amp; EMI Compliance</b>	UL 2231-1, 2231-2, UL2594 and NEC Article 625, FCC Part 15 Class A

## Network

<b>Data Communication</b>	Cellular 4G LTE
<b>Communication Protocol</b>	OCPP Compliant
<b>Firmware Management</b>	Over-the-Air (OTA) update enabled

## User Interaction

<b>LED Array</b>	High visibility, multi-color visual status indication
<b>Display</b>	LCD Screen - 2 line, 16 characters per line
<b>RFID Reader</b>	ISO14443 Type A & B, MiFare, Felica; NFC, ISO15693

## Environmental

<b>Enclosure</b>	Aluminum, NEMA 3R outdoor rated
<b>Operating Humidity</b>	Up to 95% non-condensing
<b>Operating Temperature</b>	-30 degree C to +50 degree C ambient

## Mechanical

<b>Dimensions</b>	25" H x 6" W x 6" D
<b>Approximate Weights</b>	Device: 15.5 lbs., pedestal mount: 9 lbs., wall mount bracket: 9 lbs.
<b>Installation</b>	Indoor / Outdoor
<b>Mounting Option</b>	Integrated wall and pedestal mount
<b>Cable Length</b>	18 ft. standard, 25 ft. optional