SemaConnect
A Blink Charging Company

The Series 7
EV Charging Station

**The Smart EV Charging Station
Managers Can Rely On**

Simplified Station Management
You'll Be Amped About

The Series 7 smart charging station enables station owners to build the charging infrastructure needed to support an EV charging network, and the benefits that come with it.

With its compact form factor, ease of installation, commercial-grade aluminum body, and ENERGY STAR certification, the Series 7 charging station is the perfect solution for your business or fleet.

Features

The SemaConnect Cloud provides fleet operators with unparalleled insight, access, and control over EV Charging station deployments.

- **4G LTE Wireless Technology** – The Series 7 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
- **Four-Line Backlit LCD Screen** – Easily read pertinent station information
- **Built-In Electricity Metering** – Manage electricity cost with an intuitive, smart network connection

- **Two Universal J1772™ Plugs** – Charge all electric or plug-in hybrid electric vehicles, including medium- and heavy-duty trucks and buses
- **Convenient Access Panel** – Panel makes installation and connectivity a breeze
- **API Integration** – Create a 360-degree view of your operations and provide dependable charging experiences
- **Optional Fleet Management Software** – Module delivers powerful capabilities to help you configure, track, and manage your fleet

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Series 7 EV Charging Station:
Technical Specifications

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

We'll guide you through the site selection for your new stations, help you select the appropriate station and mounting options, provide input on station installation, and even connect you with a local installer.

Electrical

AC Power Output, Maximum (Per Port)	Level II: 11.52 kW (240VAC@48A) or 9.984 kW (208VAC@48A)
AC Power Input (Per Port)	Level II: 48A; Line 1, Line 2, and GND (no neutral)
Vehicle to Charger Connection (Per Port)	SAE J1772 EV Connector
Energy Metering Accuracy	+/- 1%
Standby Power (Per Port)	3.46 W Typical
Service Panel Breaker (Per Port)	Dual-pole common trip 60A breaker, dedicated circuit
ENERGY STAR	Compliant
California Type Evaluation Program (CTEP) Compliance	Certified

Safety

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec: SMS or email notification
Surge Protection	6kV @3,000A
Safety & EMI Compliance	UL 2231-1, 2231-2, UL 2594, NEC Article 625, FCC Part 15 Class A

Network

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

User Interaction

LED Array	High visibility, multi-color visual status indication
Display	LCD Screen - 4 line, 20 characters per line
RFID Reader	ISO14443 Type A & B, MiFare, Felica, NFC, ISO15693

Environmental

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

Mechanical

Dimensions	20.5" H x 7.4" W x 7.4" D
Approximate Weights	Device: 21 lbs., pedestal mount: 12.5 lbs., wall mount bracket: 11.5 lbs.
Installation	Indoor / Outdoor
Mounting Option	Integrated wall and pedestal mount
Cable Length	18 ft. standard, 25 ft. optional