Series 6 Smart EV Charging Station

Electric Vehicle Charging Station

Rugged Aluminum Enclosure
Prevents damage from nature and natural elements.

Built-In Electricity Metering
Manage your electricity cost.

Open to Every EV Driver
SemaConnect is open to all drivers and driver programs like PlugShare, EVgo and Chargehub.

Convenient Access Panel
Easy installation and connectivity.

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

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.
Designing the ChargePro charging 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

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

**Safety Specification**
- Personnel Protection System: Charging Circuit Interrupting Device (CCID)
- Trip Threshold: 5mA, LCD LS per UL2231-2, Auto reset with 15min delay
- Automotive Unplug Detection: Charger output voltage terminated UL 2231-1, 2231-2 and UL2594 compliant, NEC Article 625 complaint

**Network Specification**
- Commercial CDMA or GPRS cellular network
- 128-bit AES Encryption
- ISO 15693 (iCLASS), ISO14443 (MIFARE, DESFire)

**Charger Status Displays**
- LED Array
- LCD Screen
- 270° visibility, multi-color visual status indicator
- 2 lines, 16 characters per line, backlit

**Environmental Specs**
- Outdoor Rated: NEMA 3R
- Operating Humidity: Up to 95% non-condensing
- Operating Temperature: -22 °F to 122 °F (−30 °C to +50 °C)

**Other Specifications**
- Surge Protection: 6kV@ 3,000A per UL 2231-2, FCC Part 15 Class A, IC RSS-210
- EMC Compliance: Head unit and cable: 35 lbs, Ballard pedestal: 22lbs, Wall mount bracket: 1lbs
- Approx. Shipping Weights: 18in high x 6in wide x 6in deep