SemaConnect™

Series 6 Smart EV Charging Station

Shown wall mounted with optional cable management system.

Electric Vehicle Charging Station

Wireless Technology

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

Rugged Aluminum Enclosure

Prevents damage from nature and natural elements.

Built-In Electricity Metering

Manage your electricity cost.

Open to Every EV Driver

PlugShare EVgo

SemaConnect is open to all drivers and driver programs like PlugShare, EVgo and Chargehub.

Convenient Access Panel

Easy installation and connectivity.

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.

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POWER TECHNOLOGY
WE DESIGN . WE SUPPLY

The Network. It's what makes the ChargePro smart.

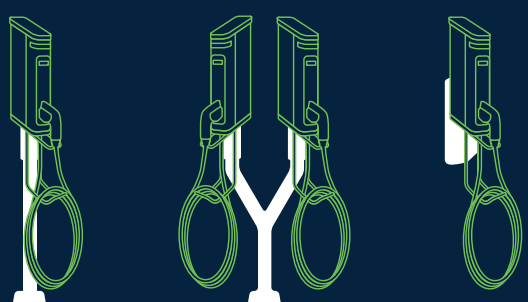
Google play | Available on the App Store

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, 40AMP
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, CCID 5 per UL2231-2, Auto reset with 15min delay
Automotive Unplug Detection	Charger output voltage terminated
Codes and Stadards Compliance	UL 2231-1, 2231-2 and UL2594 compilant, NEC Article 625 compliant

Network Specification

Wide Area Network	Commercial CDMA or GPRS celluar network
Network Security	128-bit AES Encryption
Smart Card Reader	ISO 15693 (iCLASS), ISO14443 (MIFARE, DESFIRE)

Charger Status Displays

LED Array	270° visibility, multi-color visual status indicator
LCD Screen	2 lines, 16 charecters 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,
EMC Compliance	FCC Part 15 Class A, IC RSS-210
Approx. Shipping Weights	Head unit and cable: 35 lbs, Bollard pedestal: 22lbs, Wall mount bracket: 8lbs
Dimensions	18in high x 6in wide x 6in deep

SemaConnect™