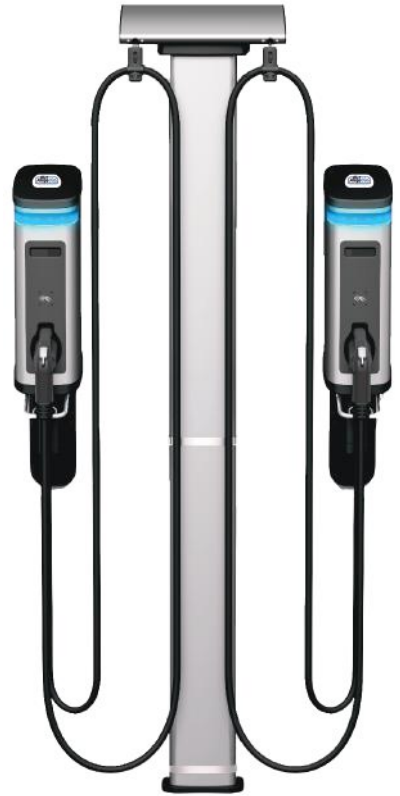# Amps2Go

POWERED BY SemaConnect

Series 6 Smart EV Charging Station

Wireless Technology
The Station communicates with 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
Amps2Go is open to all drivers.

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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The Network. It's what makes the Amps2Go charger smart.

 Google play

 Available on the App Store

Instant Updates & Notifications

Secure Log-in

Charging Status

Credit Card Enabled

Smart Card Authentication

Charging Station Locator

Smart Phone Application

Toll-Free Customer Support

Online Bill Pay

Sustainability Reports

Designing the Amps2Go charging station came with one goal in mind:

To create the perfect electric vehicle charging station suitable for commercial applications

such as commercial and industrial fleet, municipality and convenience stores. 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 Standards 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 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,**
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**

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