TELLUS POWER

World's Toughest-Built, Low Cost, High-Performance Networked Electric Vehicle Charging Stations

- **Affordable, Best Value EV Charging** - Get a dual port station for the price of the competition's single port station.
- **Built Rugged Like a Parking Meter**
- **Industry's Most Durable, Long-Lasting Stations** - Made with rugged ¼" Marine-grade and Aircraft-grade corrosion resistant aluminum.
- **Sleek, Small Footprint** - Saves on valuable real estate.
- **Charges Two Vehicles Faster** - No Power Sharing Required - Unlike competitors, Tellus delivers a full 7.2 kW charge to both vehicles simultaneously.
- **Powerful, Low-Cost Network with Free 1st Year Network License** and no provisioning fees.
- **Fastest First-Time Driver Activation**
- **Secure Authorization** - Via driver's smartphone, RFID fob, or built-in numeric keypad.
- **Great Mobile Advertising Solution** - Let's you send HTML promotional messages directly to driver's smartphone.
- **Future-Proofed Modular Construction** - Removable head with upgradable components.
- **New Retractable Cord System** with 18' reach.
- **Full Line of Products** - Pedestal Mount, Pole Mount, and Wall Mount models.
- **2-Year Warranty** with optional 1, 2, 3, and 5 year extended warranties.
- **Made in USA**

TELLUS: Lowest Cost of Ownership + Best Driver Experience

Built Stronger - No Bollards Required

No 800 number to call. Drivers input their cell number, get a text message, and activate charger.

Total Control Via Secure Network

Change your pricing rates and charging session times instantly. Get real-time 24/7 online charging station monitoring and automated downloadable reports.

Proven Reliability

Ideal for Curb Charging, Workplaces, Building, Parking Garages, Retail Shopping Centers, Hotels, City and State Governments and more.

UP160J and UP80J Level 2 EV Charging Stations

TeLLus poweR

Specifications:

AC Power Input	208-240VAC 60Hz., single phase @40A per port; <10W continuous power (standby)
Power Connections	Requires (1) Independent 40A branch circuits per port
Required Breaker Panel	Requires (1) 40A dual pole breaker (non-GFCI) for each port
Output Current	30A Continuous for each port
Power Output	7.2kW Max (208-240VAC @ 40A) for each port
Wiring	208-240VAC and shared Earth/Ground, Total 3 wires per port
Charging Connector	SAE J1772TM Level 2
Charging Cable	18' Long. Optional 25' charging cable available
Onboard Controls	Full size back-lit soft-touch numeric keypad
LCD Display	3.5" Back-lit monochrome, non-reflective, heated, UV-coated with ambient light sensor
Network Connectivity	LAN: Hard wired RJ45x2 CAT-5 for Gateway and Non-Gateway stations. WAN: 2G CDMA Cellular network on Gateway station
RFID Reader	Active Multi-Standard
Construction	Housing: 1/4" Marine-grade aluminum; Base Pad: 1/2" Marine-grade aluminum; End Cap: Polycarbonate plastic
Color	Housing: Light Gray
Enclosure Rating	NEMA 3R
Operating Temperature	30°F to +130°F (35° to +55°C)
Operating Humidity	Up to 95% Non-condensing
Terminal Block Temp. Rating	212°F (100°C)
Plug Out Protection	Power cut-off per SAE J17712TM and NEMA 5-20 specifications
Ground Fault Protection	20mA CCID20 with 3 auto retry
Open Safety Ground Detection	Monitors safety (green wire) ground connection
Surge Protection	6kV@3000A (additional protection at panel advised)
Power Metering Accuracy	+/- 1% Accuracy
Power Report/Store Interval	15-minute, aligned to hour
Grid Health Protection	Line voltage & frequency detection logging
Safety Certification	ETL Listed. Complies with UL 2231-1, UL 2231-2, UL 2231-2, UL 991; NEC Article 625 for J1772
Weight	Wall Model: 60 lbs., Pole Model 60 lbs., Pedestal Model: 73 lbs.
Environmental Data	Housing: RoHS-compliant major components
Dimensions	Wall Mount Model: 54" H X 7" W Pole Mount Model: 54" H X 7" W Pedestal Mount Model: 70" H X 7" W Direct Burial Pedestal Mount Model: 102" H X 7" W
Base Pad Size	12" x 12" x 12" (Pedestal Mount Only)
Warranty	2-Year Limited Warranty - Optional 1, 2, 3, and 5 Year Extended Warranties Available
Country of Origin	Made in USA

Dual Port Models:

Pole Mount	Dual Port Level 2
UP160J-CMP-COM	Gateway
UP160J-CMP	Non-Gateway
Wall Mount	
UP160J-WMP-COM	Gateway
UP160J-WMP	Non-Gateway
Pedestal Mount	
UP160J-PMP-COM	Gateway
UP160J-PMP	Non-Gateway

Single Port Models:

Pole Mount	Dual Port Level 2
UP80J-CMP-COM	Gateway
UP80J-CMP	Non-Gateway
Wall Mount	
UP80J-WMP-COM	Gateway
UP80J-WMP	Non-Gateway
Pedestal Mount	
UP80J-PMP-COM	Gateway
UP80J-PMP	Non-Gateway

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