Series 7 EV Charging Station:
Technical Specifications

- 4G LTE Wireless Technology
- Rugged Aluminum Enclosure
- Interactive LED Lights
- Four-Line backlit LCD Screen
- Built-In Electricity Metering
- Two Universal J1772™ Plugs
- Convenient Access Panel
- API Integration
- Optional Fleet Management Software

Configuration

Number of Ports	Two
AC Current, Maximum (Per Port)	48A

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)
Input Connector	Hardwired
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 Compliance	UL 2231-1, 2231-2, UL 2594, and NEC Article 625
EMI Compliance	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
Cable Organizer	Optional

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