

Series 7 80A EV Charging Station Technical Specification

Configuration	
Number of Ports	Two
AC Current, maximum (per port)	80A
Electrical Specification	
AC Power Output, maximum (per port)	Level II: 19.2kW (240VAC@80A) or 16.64kW (208VAC@80A)
AC Power Input (per port)	Level II: 80A; 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 100A breaker, dedicated circuit
Energy Star	Compliant
Safety Specification	
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, UL2594 and NEC Article 625
EMI Compliance	FCC Part 15 Class A
Network Specification	
Data Communication	Cellular 4G LTE
Communication Protocol	OCPP Compliant
Firmware Management	Over-the-Air (OTA) update enabled
User Interaction Specification	
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 Specification	
Enclosure	Aluminum, NEMA 3R outdoor rated
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient
Mechanical Specification	
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, 25ft optional
Cable organizer	Optional