

# Series 8 EV Charging Station



Power Specifications	
AC Power Output, Maximum (Per Port)	Level II: 19.2 kW (240VAC@80A) or 16.64 kW (208VAC@80A)
AC Power Input (Per Port)	Level II: 80A; Line 1, Line 2, and GND (no neutral)
Vehicle to Charger Connection (Per Port)	SAE J1772 EV Connector
Energy Metering Accuracy	+/- 1%
Standby Power (Per Port)	6.5 W Typical
Service Panel Breaker (Per Port)	Dual-pole common trip 100A breaker, dedicated circuit
California Type Evaluation Program	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 & EMI Compliance	UL 2231-1, 2231-2, UL 2594, NEC Article 625, 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	4.3" Color LCD, 480 x 272
RFID Reader	ISO14443 Type A & B, MiFare, Felica; NFC, ISO15693

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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	w/CC reader 24" H x 7.4" W x 9" D; w/o CC reader 24" H x 7.4" W x 7.5" D
Approximate Weights	Device: w/CC reader 21.7 lbs.; w/o CC reader 21 lbs., pedestal mount: 12.5 lbs., wall mount
Installation	Indoor / Outdoor
Mounting Option	Integrated wall and pedestal mount
ADA Compliance	Yes
Cable Length	18 ft. standard, 25 ft. optional