

80/80+ SERIES EV CHARGING STATION



	48A	80A
ELECTRICAL SPECIFICATION - AC OUTPUT		
Number of Ports	Two	
Current	48A Max per port	80A Max per port
Power	11.52 kW (@240VAC) or 9.984kW (@208VAC) Max per port	19.2kW (@240VAC) or 16.64kW (@208VAC) Max per port
Energy Metering Accuracy	+/- 1%	
Charging Connector	SAE J1772	
ELECTRICAL SPECIFICATION - AC INPUT		
Input Connector	Hardwired	
Voltage	208 or 240 VAC	
Service Panel Breaker	Dual-pole common trip 60A breaker, dedicated circuit per port	Dual-pole common trip 100A breaker, dedicated circuit per port
Power Connection	Line 1, Line 2, and GND (no neutral) per port	
Standby Power	6.5 W Typical	
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	
Surge Protection	6kV @3,000A	
NETWORK SPECIFICATION		
Data Communication	Cellular 4G LTE	
Charging Infrastructure Communication	OCPP Compliant	
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled	
Load Management	Smart, dynamic allocation & distribution of power to each port	

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USER INTERACTION SPECIFICATION		
Charging Status Indicator	High visibility, multi-color LED visual status indication	
Display	4.3" Color LCD, 480 x 272	
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693 NFC: Apple VAS, NEMA	
Payment	Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card	
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	
Operating Altitude	<=6560 ft	
MECHANICAL SPECIFICATION		
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 bracket: 11.5 lbs.	
Mounting Option	Wall or Pedestal mount	
Cable Length	18 ft standard, 25ft optional	
Cable Organizer	Optional	
REGULATION		
Safety	UL 2594 / CSA C22.2 No. 280-16 UL 2231-1 / CSA C22.2 No. 281.1-12 UL 2231-2 / CSA C22.2 No. 281.2-12 certified	
EMI	FCC Part 15 Class A compliant	
Energy Efficiency	Energy Star Certified	
Weights and Measurements	California Type Evaluation Program (CTEP) certified	
Accessibility	ADA Compliant	