

80/80+ SERIES EV CHARGING STATION



	30A	48A	80A
ELECTRICAL SPECIFICATION - AC OUTPUT			
Number of Ports	Two		
Current	30A Max per port	48A Max per port	80A Max per port
Power	7.2 kW(@240VAC) or 6.24kW(@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 40A breaker, dedicated circuit per port	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	5.75 W Typical	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	24" H x 7.4" W x 9" D	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: 18.3 lbs. Pedestal mount: 12.5 lbs. Wall mount bracket: 11.5 lbs.	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		