

# Series 8 Plus EV Charging Station



80 A	
<b>ELECTRICAL SPECIFICATION – AC OUTPUT</b>	
<b>Number of Ports</b>	Two
<b>Current</b>	Configurable up to 80A Max per port
<b>Power</b>	Up to 19.2kW (@240VAC) or 16.64kW (@208VAC) Max per port
<b>Energy Metering Accuracy</b>	+/- 1%
<b>Charging Connector</b>	SAE J1772
<b>ELECTRICAL SPECIFICATION – AC INPUT</b>	
<b>Input Connector</b>	Hardwired
<b>Voltage</b>	208 or 240 VAC
<b>Service Panel Breaker</b>	Two-pole common trip 100A breaker, dedicated circuit per port
<b>Power Connection</b>	Line 1, Line 2 and GND (no neutral) per port
<b>Standby Power</b>	6.5 W Typical
<b>SAFETY SPECIFICATION</b>	
<b>Ground Fault Circuit Interrupt</b>	20mA CCID with auto retry (every 15 seconds))
<b>Automatic Plug-Out Detection</b>	Power terminated per SAE J1772 spec
<b>Surge Protection</b>	6kV @3,000A
<b>NETWORK SPECIFICATION</b>	
<b>Data Communication</b>	Cellular 4G LTE
<b>Charging Infrastructure Communication</b>	OCPP 1.6 compliant
<b>Remote Management</b>	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
<b>Load Management</b>	Smart, dynamic allocation and distribution of power to each port

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<b>USER INTERACTION SPECIFICATION</b>	
<b>Charging Status Indicator</b>	High visibility, multi-color LED visual status indication
<b>Display</b>	4.3" color LCD, 480 x 272
<b>Authentication</b>	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693
<b>Payment</b>	Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card/Tap to Pay
<b>ENVIRONMENTAL SPECIFICATION</b>	
<b>Enclosure</b>	Aluminum, NEMA 3R certified
<b>Operating Humidity</b>	Up to 95% non-condensing
<b>Operating Temperature</b>	-30 degree C to +50 degree C ambient
<b>Operating Altitude</b>	≤6560 ft
<b>MECHANICAL SPECIFICATION</b>	
<b>Dimensions</b>	Charging Head: 24" H x 7.4" W x 7.5" D   Charging Head: w/cc reader 24" H x 7.4" W x 9" D
<b>Approximate Weights</b>	Charging Head: 21 lbs   Charging Head w/ cc reader 21.7 lbs. Pedestal 12.5 lbs. Wall mount: 11.5 lbs.
<b>Mounting Option</b>	Wall or Pedestal mount
<b>Cable Length</b>	18ft standard, 25ft optional
<b>Cable Organizer</b>	Optional
<b>REGULATION</b>	
<b>Safety</b>	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
<b>EMI</b>	FCC Part 15 Class A compliant
<b>Energy Efficiency</b>	Energy Star certified
<b>Compliance</b>	California Type Evaluation Program (CTEP) certified, Buy American ACT (BAA) compliant
<b>Accessibility</b>	ADA compliant