

# Series 7 Plus EV Charging Station



80 A	
<b>ELECTRICAL SPECIFICATION</b>	
<b>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</b>	
<b>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>	3.46 W Typical
<b>SAFETY SPECIFICATION</b>	
<b>Safety, 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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USER INTERACTION SPECIFICATION	
<b>Charging Status Indicator</b>	High visibility, multi-color LED visual status indication
<b>Display</b>	LCD Screen - 4 line, 20 characters per line
<b>Authentication</b>	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693
ENVIRONMENTAL SPECIFICATION	
<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
MECHANICAL SPECIFICATION	
<b>Dimensions</b>	Charging Head: 20.5" H x 7.4" W x 7.4" D
<b>Approximate Weights</b>	Charging Head: 21 lbs.   Pedestal: 12.5 lbs.   Wall mount bracket: 11.5 lbs.
<b>Mounting Option</b>	Wall or Pedestal mount
<b>Cable Length</b>	18 ft standard, 25ft optional
<b>Cable Organizer</b>	Optional
REGULATION	
<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