

# 40 SERIES EV CHARGING STATION



## ELECTRICAL SPECIFICATION - AC OUTPUT

<b>Number of Ports</b>	One	
<b>Current</b>	50A Maxv	40A Max
<b>Power</b>	12kW Max @240VAC; 10.4kW Max @208VAC	9.6kW Max @ 240VAC; 8.3kW Max @208VAC
<b>Energy Metering Accuracy</b>	+/- 1%	
<b>Charging Connector</b>	SAE J1772	

## ELECTRICAL SPECIFICATION - AC INPUT

<b>Input Connector</b>	Hardwired	NEMA 14-50
<b>Voltage</b>	208 or 240 VAC	
<b>Service Panel Breaker</b>	Dual-pole common trip 70A breaker, dedicated circuit	Dual-pole common trip 50A breaker, dedicated circuit
<b>Power Connection</b>	Line 1, Line 2, and GND (no neutral)	
<b>Standby Power</b>	2.63 W Typical	

## SAFETY SPECIFICATION

<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

## NETWORK SPECIFICATION

<b>Data Communication</b>	Wi-Fi
<b>Charging Infrastructure Communication</b>	OCPP 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 EVSEs

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USER INTERACTION SPECIFICATION	
<b>Charging Status Indicator</b>	High visibility, multi-color LED visual status indication
<b>Display</b>	Graphical OLED
<b>Smart Home</b>	Alexa and Google assistant (coming soon via software upgrade)
ENVIRONMENTAL SPECIFICATION	
<b>Enclosure</b>	NEMA 3R outdoor rated
<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>	20.3" H x 6.5" W x 6.5" D
<b>Approximate Weights</b>	7.7 lbs.
<b>Mounting Option</b>	Integrated wall mount
<b>Cable Length</b>	25 ft standard
<b>Cable Organizer</b>	Integrated
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 B compliant
<b>Energy Efficiency</b>	Energy Star Certified
<b>Accessibility</b>	ADA Compliant