

# 40 SERIES EV CHARGING STATION



ELECTRICAL SPECIFICATION - AC OUTPUT		
Number of Ports	One	
Current	50A Maxv	40A Max
Power	12kW Max @240VAC; 10.4kW Max @208VAC	9.6kW Max @ 240VAC; 8.3kW Max @208VAC
Energy Metering Accuracy	+/- 1%	
Charging Connector	SAE J1772	
ELECTRICAL SPECIFICATION - AC INPUT		
Input Connector	Hardwired	NEMA 14-50
Voltage	208 or 240 VAC	
Service Panel Breaker	Dual-pole common trip 70A breaker, dedicated circuit	Dual-pole common trip 50A breaker, dedicated circuit
Power Connection	Line 1, Line 2, and GND (no neutral)	
Standby Power	2.63 W Typical	
SAFETY SPECIFICATION		
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	Wi-Fi	
Charging Infrastructure Communication	OCPP Compliant	
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled	
Load Management	Smart, dynamic allocation and distribution of power to EVSEs	

# 40 SERIES EV CHARGING STATION



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

For more information on AC DI Energy Services and our products, please call 800.990.2234 or visit [acdi.energy](http://acdi.energy)