

70/70+ SERIES EV CHARGING STATION



	48A	80A
ELECTRICAL SPECIFICATION – AC OUTPUT		
Number of Ports	Two	
Current	48A Max per port	80A Max per port
Power	11.52 kW (@240VAC) or 9.984kW (@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 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	3.46 W Typical	3.46 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 and distribution of power to EVSEs	

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USER INTERACTION SPECIFICATION

Charging Status Indicator	High visibility, multi-color LED visual status indication
Display	LCD Screen - 4 line, 20 characters per line
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693 NFC: Apple VAS, NEMA

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	20.5" H x 7.4" W x 7.4" D
Approximate Weights	Device: 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

For more information on ACDI Energy Services and our products, please call 800.990.2234 or visit acdi.energy