

Series 7 - 48A (ISO Model) Technical Specifications



Product Codes	101-000627-A (48A Dual J1772), 101-000021-A (48A Dual J1772 23FT)
ELECTRICAL SPECIFICATION – AC OUTPUT	
Number of Ports	Two
Current	Configurable up to 48A per port
Power	Up to 11.52kW per port @ 240 VAC, up to 9.98kW per port @ 208 VAC)
Energy Metering Accuracy	+/- 1%
Charging Connector	J1772
ELECTRICAL SPECIFICATION – AC INPUT	
Input Connector	Hardwired
Voltage	208/240VAC
Service Panel Breaker	2x 60A max
Power Connection	Line 1, Line 2, and Ground (no Neutral) per port
Standby Power	4.6W per port
SAFETY SPECIFICATION	
Safety, Ground Fault Circuit Interrupt	20mA CCID with auto-retry
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec
Surge Protection	6kV @ 3,000A
NETWORK SPECIFICATION	
Data Communication	Cellular 4G LTE, Wi-Fi, Ethernet
Charging Infrastructure Communication	OCPP 1.6J, OCPP 2.0.1 compliant
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
Load Management	Smart, dynamic allocation and distribution of power to each port
USER INTERACTION SPECIFICATION	
Charging Status Indicator	High-visibility, multi-color visual status indication
Display	LCD Screen - 4 lines, 20 characters per line
Authentication	RFID: ISO14443 Type A & B, MiFare, Felica, ISO15693, NFC: Apple VAS, NEMA, Google Smart Tap, Plug and Charge: ISO 15118 ready
Payment	RFID card, Mobile app, Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card (Model 880 only)
ENVIRONMENTAL SPECIFICATION	
Enclosure	Aluminum, UL Type 3R
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degrees C to +50 degrees C
Operating Altitude	<=6560 ft
MECHANICAL SPECIFICATION	
Dimensions	Model 780/748 Head Unit: 18.0" H x 7.4" W x 7.4" D Pedestal: 35" H x 12.5" W x 8.1" D Wall Mount: 14.7" H x 8.6" W x 7.7" D
Approximate Weights	Model 780 Head Unit: 42.7 lbs , Model 748 Head Unit: 34.5 lbs, Pedestal: 24.2 lbs, Wall Mount: 16.3 lbs
Mounting Option	Wall or Pedestal mount
Cable Length	23ft (18ft available for Dual J1772)
Cable Management System	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, NEC 625 Compliant
EMI	FCC Part 15 Class A Compliant
Energy Efficiency	Energy Star Certified
Compliance	California Type Evaluation Program (CTEP) Certified
Accessibility	ADA compliant