

Series 7 (ISO Model) Technical Specifications



Product Codes	101-000440-A (80A Single J1772), 101-000441-A (80A Single NACS), 101-000022-A (80A Dual J1772), 101-000431-A (80A J1772/NACS), 101-000627-A (48A Dual J1772), 101-000021-A (48A Dual J1772 23FT)
ELECTRICAL SPECIFICATION – AC OUTPUT	
Number of Ports	One or Two (Model 748 – Two only)
Current	Configurable up to 80A per port (Model 748 - configurable up to 48A per port)
Power	Up to 19.2 kW per port @ 240 VAC; Up to 16.64kW per port @ 208 VAC (Model 748 - up to 11.52kW per port @ 240 VAC, up to 9.98kW per port @ 208 VAC)
Energy Metering Accuracy	+/- 1%
Charging Connector	J1772 or NACS (Model 748 - J1772 only)
ELECTRICAL SPECIFICATION – AC INPUT	
Input Connector	Hardwired
Voltage	208/240VAC
Service Panel Breaker	2x 100A max depending on output configuration (Model 748 – 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 hardware-ready
Payment methods	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 (H x W x D)	Head Unit: 18.0" x 7.4" x 7.4" Pedestal: 35" x 12.5" x 8.1" Wall Mount: 14.7" x 8.6" x 7.7"
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