

## TECHNICAL SPECIFICATIONS



### Power Specifications

AC Power Output (maximum)	Level 2: 7.2kW (two dedicated circuits, 208/240V AC min. of 30A continuous)
AC Power Input	Level 2: 7.2kW (two dedicated circuits, 208/240V AC @ 30A per charging circuit)
Input Power Connections	Line 1 and Line 2 per circuit with common ground
Standby Power	5W
Recommended Panel Breaker	Double pole 40A max breaker on dedicated branch for each circuit
Energy Metering Accuracy	3% @ 2 minute intervals
Output Charging Connector	SAE J1772™ EV connector on 18' max. extended length coiled cord

### Safety and Operational Specifications

Safety Compliance	Complies with UL 2594, UL 2231, UL 1998, NFPA 70, NEC Article 625, ADA
Ground Fault Detection	20mA CCID with auto retry (15 min delay, 3 tries)
Plug-Out Detection	Power terminated per SAE J1772 specification
Surge Protection	6 kV @ 3,000 A
EMI Compliance	FCC Part 15 Class A

### Environmental Specifications

Enclosure Rating	NEMA 3R per NEMA 250-1997
Operating Humidity	Up to 100% over full operating temperature range
Operating Temperature	-22°F to 131°F (-30°C to 55°C) ambient temperature
Terminal Block Temperature Rating	212°F (100°C)

### Functional Interfaces

LCD Screen Resolution	800 x 600 pixels
Screen Characteristics	8.0" diagonal touch screen, sunlight readable and fingerprint resistant
Vertical Viewing Angle	124° viewing angle
Horizontal Viewing Angle	120° viewing angle
Card Reader	ISO 7811 compliant

### Network Specifications

Local Area Network	10/100/1000 Base-T Ethernet
Network Communication Protocol	TCP/IP, IPv4/IPv6
Network Security	HTTPS, SSL

### Other Specifications

Approximate Shipping Weights	70 lbs for the component housing, 30 lbs for the installation kit
Component Housing Dimensions	9"x9"x24" plus front-mounted cord/connector assemblies
Reinforced Concrete Pedestal	12"x12"x27" above grade with 42" below grade, form provided
Wall Mounting Bracket	9"x11"x12" steel bracket, secured to approved wall with (4) 5/8" lag bolts