

Shasta Technical Specifications



ELECTRICAL – AC OUTPUT	
Product code	80A NACS: 101-002357-A, 80A J1772: 101002356-A, 48A NACS: 101-002354-A, 48A J1772: 101-002355-A
Number of Ports	One
Output Current	Configurable up to 80A per port
Hardware Output Current Derating	Yes
Power	Up to 19.2kW (@240VAC) or 16.64kW (@208VAC) max per port
Energy Metering Accuracy	+/- 1%
Charging Connector	J1772 or NACS
ELECTRICAL – AC INPUT	
Input Connector	Hardwired
Voltage	208-240 VAC, 50-60H
Service Panel Breaker	1 x 100A Max, (Depending On Output Configuration)
Power Connection	Line 1, Line 2, and Ground (No Neutral)
SAFETY	
Ground Fault Circuit Interrupt	15-20mA
Automatic Plug- Out Detection	Power Terminated Per SAE J1772 Specifications
Surge Protection	6kV @ 3,000A
Over Voltage Category	OVC III
Other	Weld Detection, Overvoltage, Overcurrent, Overtemperature
FUNCTIONAL	
Connectivity	Ethernet, W-Fi, Cellular 4G LTE, WCDMA
Backend Protocol	OCPP 1.6, ISO15118-2 hardware-ready
Remote Management	Over-the-Air (OTA) Firmware Updates
USER INTERACTION	
Edge Intelligence	Cable Cut & Tamper Alert, Enclosure Open Alert, Multi Point Temperature & Humidity Monitoring, Charging Functions Available During, Communication Outage
Display	7" Touch Screen
Authentication	RFID: ISO14443A/B Mifare Classic
Payment Methods	RFID Card or Mobile app
ENVIRONMENTAL	
Enclosure	Aluminum, NEMA 3R
Operating Humidity	Up to 95% Non Condensing
Operating Temperature	-40C to +50C (-40F to 122F)
Storage Temperature	-40C to +60C (-40F to 140F)
Operating Altitude	<=9,840 ft
MECHANICAL	
Dimensions (H x W x D)	17.4" x 8.5" x 3.8"
Approximate Weights	Charger: 22 lbs. Wall mount: 1.1 lbs.
Mounting Option	Wall Mount
Cable Length	25ft
Cable Management System	Optional
REGULATION	
Safety	UL 2594, UL 2231-1, UL 2231-2, UL1998 Certified
EMI	FCC Part 15 Class A Compliant
Energy Efficiency	Energy Star Certified
Energy Metering	NIST HB 44 Compliant
Compliance	National Type Evaluation Program (NTEP) (Pending)