

# Smart Shasta

## 80A L2 EV Charging Station



Designed for large-scale deployments and longer dwell times, the Blink Shasta L2 EV charger delivers high-power charging with smart monitoring to protect equipment and maximize uptime.

### TAMPER ALERTS • TOUCHSCREEN • COMPACT

The Blink Shasta L2 EV charging station is designed for scalable deployment across fleet, workplace and multi-family industries. It delivers up to 19.2kW, ideal for locations with longer dwell times. The unit features compact design for flexible installation and includes environmental sensors that monitor temperature and humidity to optimize performance and extend hardware life. Security features like cable tamper detection and enclosure open alerts help protect users and equipment.

### Features

- Single-port design
- Configurable up to 80A max via built-in derating switch
- Seamless data communication: Cellular 4G LTE, Wi-Fi, Ethernet
- OCPP 1.6J compliant
- ISO 15118 hardware-ready
- Rugged aluminum enclosure for durability
- Tamper-proof design including cable cut and station door alert notifications to hosts
- Multi-temperature control and humidity monitoring features
- 7" Touchscreen display for clear charging session information
- Universal J1772 and NACS connectors
- Sleek and compact head unit, pedestal, and cable management system
- Pedestal and wall mount options for flexible installation



\*Actual charging speeds may vary based on environmental and other factors and are not guaranteed  
The product image shown is for illustration purposes only and may not be an exact representation of the product.

# 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 1.6J compliant, 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)