

Scalable

Shasta

80A L2 EV Charging Station

blink®

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

FLEET-FRIENDLY | RELIABLE | COMPACT

The Blink Shasta L2 EV charging station is a scalable charging solution for workplace, multifamily, and fleet deployments, delivering up to 19.2 kW of power to support longer dwell times and growing charging demands. Its compact footprint enables flexible installation, while hardware diagnostic sensors monitor temperature and humidity for reliable operation. Security features, including cable tamper detection and enclosure-open alerts, help protect equipment, minimize disruptions, and keep drivers moving.

Features

- Single-port design with optional back-to-back pedestal mounting
- 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" color 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

Product Codes

Wall Mount Only:

48A - J1772: 101-002354-W, 48A - NACS: 101-002355-W

80A - J1772: 101-002356-W, 80A - NACS: 101-002357-W

Wall and Pedestal Mount:

80A - J1772: 101-002356-A, 80A - NACS: 101-002357-A



PD02-24V-04

Shasta Technical Specifications



ELECTRICAL – AC OUTPUT	
Number of Ports	One
Output Current	Configurable up to 80A
Hardware Output Current Derating	Yes
Power	Up to 19.2kW (@240VAC)
Energy Metering Accuracy	+/- 1%
Charging Connector	J1772 or NACS (SAE J3400)
ELECTRICAL – AC INPUT	
Input Connector	Hardwired
Voltage	208-240 VAC, 50-60Hz
Service Panel Breaker	1 x 100A Max, (Depending On Output Configuration)
Power Connection	Line 1, Line 2, and Ground (No Neutral)
Input Wire Gauge	Line 1, Line 2 – 1/0 - 8 AWG, Ground – 6 - 16 AWG
Input Electrical Conduit	1" Trade Size Max
SAFETY	
Ground Fault Circuit Interrupt	15-20mA
Automatic Plug-Out Detection	Power Terminated Per SAE J1772 Specifications
Over Voltage Category	OVC III
Surge Protection	6kV @ 3,000A
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
Edge Intelligence	Cable Cut & Tamper Alert, Enclosure Open Alert, Multi Point Temperature & Humidity Monitoring, Charging Functions Available During, Communication Outage
USER INTERACTION	
Display	7" Color LCD
Authentication	RFID: ISO14443A/B (Mifare Classic)
Payment Methods	RFID Card or Mobile app
ENVIRONMENTAL	
Enclosure	Aluminum, NEMA 3R Rated
Operating Humidity	Up to 95% Non Condensing 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 or Pedestal (Wall mount only for 48A model)
Cable Length	23ft (for 48A model), 25ft (for 80A model)
Cable Management System	Optional
REGULATION	
Safety	UL 2594, UL 2231-1, UL 2231-2 Certified
Energy Metering	NIST HB 44 Compliant
EMI	FCC Part 15 Class A Compliant
Energy Efficiency	Energy Star Certified
Compliance	National Type Evaluation Program (NTEP) (Pending)