

# Blink Level 2 Wall Mount Charger

## Simply Smarter Wall Mount Design

The Blink Level 2 Wall Mount Electric Vehicle (EV) Charger provides a convenient method for charging Electric Vehicles. The design provides intelligent, user-friendly features to safely and easily charge.

## Benefits of Blink's Unique Design

- Modern, stylish appearance
- Ease of installation
- Convenient configuration for a wide variety of physical layouts
- Convenient cable management for long reach and storage between uses
- Connector holster for protection and storage
- Intuitive connector docking
- Conscious design for ADA considerations

## J1772 Standard EV Connector

(Standard for EV Charging in the United States)

- Updated Cord set with ergonomic design
- Prevents accidental disconnection
- Grounded pole - first to make contact, last to break contact
- Designed for more than 10,000 cycles
- Can withstand being driven over by a vehicle
- Safe for use in wet or dry conditions

## Energy Meter

- Internal meter to monitor energy and demand usage
- Supports energy usage data evaluation
- Supports electric utility EV billing when certified to ANSI 12.20 and IEC standards
- Connects with AMI interface and smart meter capability for demand response and energy management

## Touch Screen

- Convenient, user-friendly touch screen display
- Charge status and statistics
- Pre-loaded with Blink commercial user interface



## \*Updated Cord Set\*





## Blink Level 2 Wall Mount Charger Specifications

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Input Voltage        | 208 VAC to 240 VAC +/- 10%                               |
| Input Phase          | Single                                                   |
| Frequency            | 50/60 Hz                                                 |
| Input Current        | 30 Amps (maximum), 12A, 16A, 24A available               |
| Breaker Size         | 40 Amps; settings at 15A, 20A, 30A available             |
| Output Voltage       | 208 VAC - 240 VAC +/- 10%                                |
| Output Phase         | Single                                                   |
| Pilot                | SAE J1772 compliant                                      |
| Connector/Cable      | SAE J1772 compliant; UL rated at 30A maximum             |
| Cable Length         | 25 feet (approximately)                                  |
| Dimensions (ext.)    | 22" H x 18"W x 5-9/16"D                                  |
| Weight               | 32 lbs                                                   |
| Dimensions (packing) | 23" H x 19"W x 15"D                                      |
| Temperature Rating   | -22°F (-30°C) to 122°F (50°C)                            |
| Enclosure            | NEMA Type 3R; sun-and-heat resistant                     |
| Certifications       | NEC article 625 EV charging system<br>UL and ULc to 2594 |

## Features

- Charge circuit interruption device (CCID) with automatic test
- Ground monitoring circuit
- Nuisance-tripping avoidance and auto re-closure
- Cold load pickup (randomized auto-restart following power outage)
- Certified energy and demand metering
- Multiple modes of communication, including wireless (IEEE 802.11g), cellular, 802.15 protocol capable, and LAN
- Web-based bi-directional data flow
- Cord management system
- Smartphone applications for status changes and notifications of completion or interruption of charge
- Controllable output to support utility demand response requests
- Revenue systems support
- Multiple input current settings to accommodate electric service capability

## Safety

- Interlocks with EV drive system so that the EV can not drive when connector is inserted in EV inlet
- De-energizes station if connector and cable are subjected to excessive strain
- Charge current interrupting device (CCID) with automatic test feature for personal protection
- Connector parts are de-energized until latched in EV inlet
- Meets all National Electric Code requirements
- UL Listed

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