InCharge Energy
We Bring the Power

ABB Terra AC Wallbox

32A / 40A / 48A / 80A Level 2 charger

ver 1.4

Overview

This Energy Star-certified charger offers fast, intelligent Level 2 charging. Easy to install in a variety of locations, with longer 25' cables, this charger provides a durable, cost-effective, flexible, and future-proof solution for commercial fleets.

With a compact footprint, options for wall mounting or use on a pedestal (options below), the Terra AC Wallbox is ideal for

- Fleets beginning to electrify on a budget
- Last-mile delivery fleets with vehicles that can charge overnight
- Fleets looking for a flexible, future-proof solution
- Fleets comprised of various EV models with differently placed charge ports, or with unusual depot layouts

ABB Terra AC Wallbox with display

Key Benefits

- Energy Star-certified
- Simple siting and flexible, versatile installation options (pedestals below)
- Optimized to meet fleet charging needs today and into the future
- Payment by mobile app (upon request)
- Reliable and durable enclosure built to last indoors or outdoors
- Access control via PIN, with InControl™ charge management software, or RFID card (cards by request)
- OCPP 1.6 standard supports interoperability
- LTE modem for connectivity to InControl
- UL certification for reliable safety
- Standard 2-year (24 month) Warranty included with every InCharge charger (covers parts; restrictions may apply)
- Customizable warranty and maintenance options - backed by an in-house team of service experts

InControl™

Optimize fleet operations and maximize savings with InCharge's proprietary EV fleet charge management software.

Configurations*

Product	Configuration	SKUs
32A Single SAE J1772 Cable (25ft)	Terra 32 AC	AL2-32-240-T1-WC1R
32A Single SAE J1772 Cable (25ft); Screen Display	Terra 32 AC with Display	AL2-32-240-T1-WCSR
32A Single SAE J1772 Cable (25ft); Payment by Mobile App Enabled	Terra 32 AC, Mobile Payment App	AL2-32-240-T1-WC1A
40A Single SAE J1772 Cable (25ft)	Terra 40 AC	AL2-40-240-T1-WC1R
40A Single SAE J1772 Cable (25ft); Screen Display	Terra 40 AC with Display	AL2-40-240-T1-WCSR
48A Single SAE J1772 Cable (25ft)	Terra 48 AC	AL2-48-240-T1-WC1R
48A Single SAE J1772 Cable (25ft); Screen Display	Terra 48 AC with Display	AL2-48-240-T1-WCSR
48A Single SAE J1772 Cable (25ft); Screen Display; Payment by Mobile App Enabled	Terra 48 AC with Display, Mobile Payment App	AL2-48-240-T1-WCSA
80A Single SAE J1772 Cable (25ft)	Terra 80 AC	AL2-80-240-T1-WC1R
80A Single SAE J1772 Cable (25ft); Screen Display	Terra 80 AC with Display	AL2-80-240-T1-WCSR
80A Single SAE J1772 Cable (25ft); Payment by Mobile App Enabled	Terra 80 AC, Mobile Payment App	AL2-80-240-T1-WC1A

*Please note, the variants listed are representative and may not be a comprehensive list of available options. Consult with your InCharge Energy sales representative to confirm any and all details.

Accessories

Level 2 Single or Dual Mount Pedestal

Dimensions
(D) 11.5 in x (W) 11.5 in x (H) 48 in

SKU: ESA-ACP-B2B

Level 2 Single or Dual Mount Pedestal with Cable Retractors

Dimensions
(D) 11.5 in x (W) 11.5 in x (H) 98.5 in

SKU: ESA-ACP-PRM-S

833-772-4638 hello@inchargeus.com www.inchargeus.com

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Charger Technical Specifications

- Single SAE J1772 Type 1 Connector
- Cable Length: 25ft
- Dimensions: (D x W x H) 4.92in x 9.06in x 15.75in / 125mm x 230mm x 400mm
- Weight 40A/80A: 23.8lbs / 26.01lbs (10.8kg / 11.8kg)

Configuration	Value
Voltage	110/208/240Vac
AC Input Power Connection	L1, L2, G
Frequency	50 / 60 Hz
Recommended Breaker	40A / 50A / 60A / 100A
Output Parameters	**Value**
Voltage	110/208/240Vac, 50/60 Hz
Current - Max	32A / 40A / 48A / 80A
Power - Max	7.4kW / 9.6kW / 11.5kW / 19.2kW
Controls & Interface	**Value**
Communication	OCPP 1.6J, Modbus RTU RS485, Modbus TCP/IP
Network Connection	4G, LTE, WCDMA, Ethernet (RJ45), Wifi, Bluetooth
RFID	RFID Card Reader, ISO/IEC 14443A
Environment	**Value**
Temperature - Operating	-22°F to 131°F/ -30°C to 55°C *
Temperature - Storage	-40°F to 185°F/ -40°C to 85°C
Altitude - Operating	13,123ft (4000 m)
Protection - Intrusion	Indoor and outdoor, NEMA 4; IP65, IK10
General	**Value**
Certifications	UL 2594, UL 2231-1, UL 2231-2, UL 1998, CSA C22.2. NO.280 NMX-J-667-ANCE

*Derating characteristics apply at extreme temperatures