

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.

Primary Use Cases

- 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

Key Benefits

- Energy Star certified
- Maximum output current configurable from 5A to 80A in 1A increments to fit all electrical installation limitations
- Flexible, versatile and cost-effective installation options
- Reliable and durable rugged metal enclosure built to last outdoors
- Access control via PIN or RFID card (cards by request)
- Payment by mobile app (by request)



ABB Terra AC Wallbox



Managed by



Charge Management Software (CMS)

- User-friendly, integrates with existing systems
- Maximize fleet productivity
- Minimize charging-related energy costs
- Mitigate demand charges with load management



Warranty & Maintenance Options

... backed by an in-house team of service experts

- Standard 2-year (24 month) Warranty included with every InCharge charger (covers parts; restrictions may apply)
- Customizable options to cover parts, labor, uptime SLAs, and more

Configuration	Value
Voltage	110/208/240Vac
AC Input Power Connection	L1, L2, G
Frequency	50 / 60Hz
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 (4000m)
Protection - Intrusion	Indoor and outdoor, NEMA 4; IP65, IK10
Cables & Connectors	Value
Connector Types	Single SAE J1772 Type 1
Connector Technology	J2CE - Canted Coil Spring
Cable Length	25ft
General	Value
Dimensions	(D x W x H) 4.92in x 9.06in x 15.75in / 125mm x 230mm x 400mm
Weight	40A: 23.8lbs 10.8kg) / 80A: 26.01lbs (11.8kg)
Certifications	UL 2594, UL 2231-1, UL 2231-2, UL 1998, CSA C22.2. NO.280, NMX-J-667-ANCE
UL/TUV	Certificate Number: SGSNA/21/SH/00292

ABB Terra AC Wallbox

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

Product Code	Product Configuration
A32-T1-R	32A Single SAE J1772 Cable (25ft)
A32-T1-A	32A Single SAE J1772 Cable (25ft), EV Connect Mobile Payment App
A32-T1-R-D	32A Single SAE J1772 Cable (25ft); Screen Display
A32-T1-A-D	32A Single SAE J1772 Cable (25ft); Screen Display, EV Connect Mobile Payment App
A40-T1-R	40A Single SAE J1772 Cable (25ft)
A40-T1-A	40A Single SAE J1772 Cable (25ft), EV Connect Mobile Payment App
A40-T1-R-D	40A Single SAE J1772 Cable (25ft); Screen Display
A40-T1-A-D	40A Single SAE J1772 Cable (25ft); Screen Display, EV Connect Mobile Payment App
A48-T1-R	48A Single SAE J1772 Cable (25ft)
A48-T1-A	48A Single SAE J1772 Cable (25ft), EV Connect Mobile Payment App
A48-T1-R-D	48A Single SAE J1772 Cable (25ft); Screen Display
A48-T1-A-D	48A Single SAE J1772 Cable (25ft); Screen Display, EV Connect Mobile Payment App
A80-T1-R	80A Single SAE J1772 Cable (25ft)
A80-T1-A	80A Single SAE J1772 Cable (25ft), EV Connect Mobile Payment App
A80-T1-R-D	80A Single SAE J1772 Cable (25ft); Screen Display
A80-T1-A-D	80A Single SAE J1772 Cable (25ft); Screen Display, EV Connect Mobile Payment App

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