



InCharge

Terra AC Wallbox

40A / 48A / 80A Level 2 Charger



Description

The Terra AC Wallbox is the smartest, quickest and safest Level 2 destination charging solution for fleets, public charging operators, commercial facilities, workplaces, and multi-family residences. The Terra AC Wallbox delivers future-proof flexibility as well as advanced safety and protection. With connectivity and digital functionality, the Terra AC Wallbox is built to deliver optimized charging today and well into the future.

Key Benefits and Features

- Flexible, high quality design
- Universal PHEV and BEV charging
- Easy siting and installation
- Rugged NEMA Type 4 enclosure for any indoor or outdoor location
- Smart business integration
- OCPP integration with any charging network



The Terra AC Wallbox

Specifications

- Power Output @ 240Vac: 9.6kW / 11.5kW / 19.2kW
- Max Current Output: 40A / 48A / 80A
- Cable Options: SAE J1772 Connector
- Mounting Method: Wall Mounted
- Dimensions: 15.75"(D) × 9.06"(W) × 4.92"(H)

Ordering Information

Configuration	SKU
AL2-40-240-T1-WC1R	ACWB 40A
AL2-48-240-T1-WC1R	ACWB 48A
AL2-80-240-T1-WC1R	ACWB 80A

Technical Specifications

Configuration	SKU
Voltage	208-240 Vac
AC Input Power Connection	L1, L2, G
Recommended breaker	50A / 60A / 100A
Output Parameters	Value
Voltage	208/240 VAC, 50/60 Hz
Current - Max	40A / 48A / 80A
Power - Max	9.6 kW / 11.5 kw / 19.2kW
Controls and Interface	Value
Charging Connectors	SAE J1772, Type 1 cable, 25ft (7.6 m)
Communication	OCPP 1.6J, Modbus RTU RS485 (energy meter or local controller connection), Modbus TCP/IP (local controller connection)
Network Connection	4G, LTE, WCDMA, Ethernet (RJ45) with daisy-chain Ethernet option, Wifi, Bluetooth, Modbus RTU RS485, Modbus TCP/IP
RFID	RFID Card Reader
Environment	Value
Temperature - Operating	-30 °C to +55 °C (-22 °F to +131 °F)*
Temperature - Storage	-40 °C to +85 °C (-40 °F to +185 °F)
Altitude - Operating	4000 m (13,123 ft)
Protection - Intrusion	Indoor and Outdoor, NEMA 4; IP65, IK10
General	Value
Cable Length	25 ft
Safety and EMI	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

