ABB

Terra AC Wallbox

ESC
ELECTRICAL SUPPLY CORP

The home of Smart EV Charging
Terra AC Wallbox

ABB is trusted by the world's biggest brands to provide smarter mobility solutions from highway to home. The Terra AC wallbox combines ABB's leadership in e-mobility and 130-year heritage of innovation in a superior wall charging solution.

High-value quality

- Best-value charger on the market

- Broad range of connectivity options

- Space-saving and easy-to-install design

Futureproof flexibility

- Smart functionality for optimized charging

- Energy meter integration for dynamic load management

- Dedicated App for control and configuration

- Remote software update enabled

Safety & protection

- Evaluated and tested by independent third party to meet the highest standards

- Current limiting protection prevents against nuisance tripping and overcurrent to the installation

- Integrated protections including DC ground fault and overvoltage

"The Terra AC wallbox provides tailored, intelligent and networked charging solutions for any business, home or location."

Terra AC Wallbox
Technical features

Protection

- Built-in DC leakage current detection
- Built-in type B RCD

Design

- IEC variants:
- Single phase up to 7.4kW / 32A
- Three phase up to 22kW / 32A

- UL variants up to 19kW / 80A

- NEMA 4 and 4X enclosure

- All variants: IP54, IK10

Connectivity

- Ethernet RJ45
- Bluetooth
- Wifi
- 4G variants
- RS485/P1 for connection to energy meter
- OCPP 1.6
- Authentication via the App or RFID
- Configuration via the App or ABB web portal

Load management

- Built-in energy meter
- Setup for external energy meter integration for dynamic load management
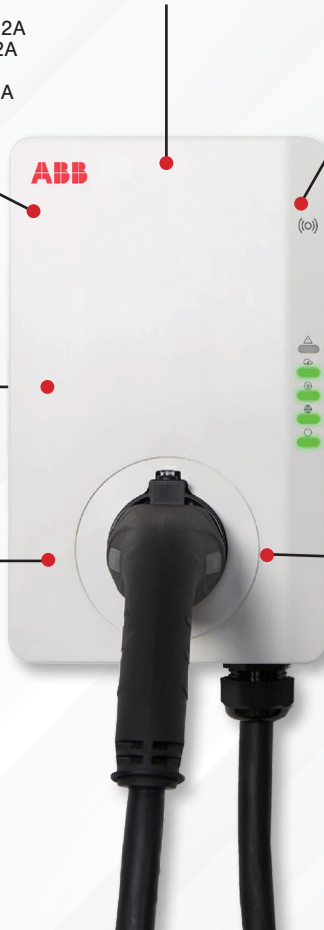- Ready for integration with advanced smart building energy system

Built-in safety

- Overcurrent
- Overvoltage and undervoltage
- Ground fault
- Surge protection
- PE (protective earth) continuity monitoring

Connectors

- Type 1 and type 2 cable options
- Type 2 socket with or without shutter
- Cable mounting options available

130 YEARS

Brought to you by the global experts in smart mobility, smart buildings and smart homes, the Terra AC wallbox is built on ABB's **130-year heritage** of accessible technology leadership for safe, smart and sustainable electrification and informed by our comprehensive expertise in e-mobility.

Products and Accessories

Terra AC

ESC CODE	DESCRIPTION
6AGC081278	ABB Terra AC EV Charger 7.4kw 1ph 32A
6AGC082155	ABB Terra AC EV Charger 7.4kw 1ph 32A 5m cable
6AGC082153	ABB Terra AC EV Charger 22kW 3P 32A RFID4G
6AGC082157	ABB Terra AC EV Charger 22kW 3P 32A RFID4G 5m cable
6AGC081279	ABB Terra AC EV Charger 22kW 3P 32A
EVL1P16AEVT2T2-5M	5 Meter EV Charging Cable 16A 1 Phase Type2 to Type2
EVL1P16AEVT2T2-8M	8 Meter EV Charging Cable 16A 1 Phase Type2 to Type2
EVL1P32AEVT2T2-5M	5 Meter EV Charging Cable 32A 1 Phase Type2 to Type2
EVL1P32AEVT2T1-8M	8 Meter EV Charging Cable 32A 1 Phase Type2 to Type1
EVL1P32AEVT2T2-8M	8 Meter EV Charging Cable 32A 1 Phase Type2 to Type2
EVL3P16AEVT2T2-8M	8 Meter EV Charging Cable 16A 3 Phase Type2 to Type2
EVL3P32AEVT2T2-5M	5 Meter EV Charging Cable 32A 3 Phase Type2 to Type2
EVL3P32AEVT2T2-8M	8 Meter EV Charging Cable 32A 3 Phase Type2 to Type2
EVPEDESTAL1	Single Pedestal for EV Charger
EVPEDESTAL2	Double Pedestal for EV Charger

ESC
ELECTRICAL SUPPLY CORP