ABB

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The home of 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.

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High-value quality

- Best-value charger on the market
- Broad range of connectivity options
- Space-saving and easy-to-install design

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Futureproof flexibility

- Smart functionality for optimized charging
- Energy meter integration for dynamic load management
- Dedicated App for control and configuration
- Remote software update enabled

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Safety and 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

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

Terra AC wallbox
Technical features

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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

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

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Connectors
- Type 1 and type 2 cable
- Type 2 socket with or without shutter
- No need of extra hook, attached cable can be wrapped around the charger

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Design
- IEC variants:
  - Single phase up to 7.4 kW / 32 A
  - Three phase up to 22 kW / 32 A
- UL variants up to 19 kW / 80 A
- NEMA 4 and 4X enclosure
- All variants: IP54, IK10

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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

Find out more: **solutions.abb/terraacwallbox**

9AKK107680A2258 - (02/2020)