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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 ChargerSync™ app for control and configuration
- Remote software

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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

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

### 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 3 enclosure
- All variants: IP54, IK10

### Connectivity

- Ethernet RJ45
- Bluetooth
- Wifi
- 4G variants
- RS485 for connection to energy meter
- OCPP 1.6
- Authentication via ChargerSync™ app and portal or RFID
- Configuration through TerraConfig app and portal



Find out more: [solutions.abb.com/terraacwallbox](https://solutions.abb.com/terraacwallbox)

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