ABB

Terra AC Wallbox
7.4kW 32A Single Phase Socket Version

ESC Code: 6AGC081278

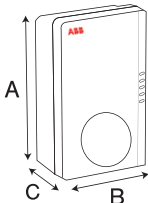ESC

ELECTRICAL SUPPLY CORP

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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Description: ABB Terra AC EV Charger 7.4kW 1ph 32A Socket Type 2

Output Power	AC 7.4kW
Number of Socket Outlets	(AC type 2) 1 piece
Output Voltage (U_{out})	110...240 VAC
Output Current	1 Phase 32A
Connection Power	Nominal 8kW
Supply Voltage	AC 110...240V
Input Current	1 Phase 32A
Operating Frequency (f_{sw})	50...60 Hz
Number of Phases	1
Overload Protection	Overcurrent protection at 40A
Ambient Air Temperature	Operation -30 ... +50°C Operation -50 ... +80°C
Communication Interface	Wifi / Bluetooth
Enclosure Type	Indoor / Outdoor
Mounting Type	Wall Mounting
Number of RCDs Electric Vehicle Supply Equipment	Type A 1
Compliant with Standards	IEC, UL, CE
Dimensions **Charging cable are purchased seprately - See back page for accessories**	 A = 320mm B = 195mm C = 110mm Net Weight: 2.5kg

130 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.

TERRA AC WALLBOX
Technical features

Protection
- Built-in DC leakage current detection
- No requirement for a type B RCD

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

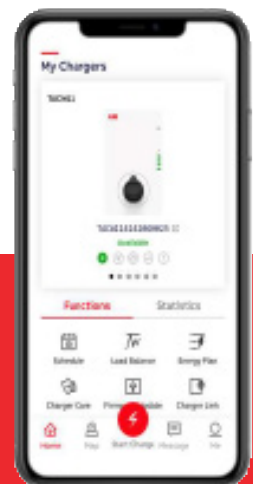- Impact Rating IK10

- IP Rating IP54

Built-in safety
- Overcurrent

- Overvoltage and undervoltage

- Ground fault

- Surge protection

- PE (protective earth) continuity monitoring

Connectivity
- Ethernet RJ45

- Bluetooth

- Wifi

- Complete with Modbus RTU (RS485) Port

- Open Charge Point Protocol 1.6 Enabled (OCPP-1.6)

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

ChargerSync Smartphone App

- Authentication
- Energy plan
- Schedule
- Add and delete charger devices
- Load balancing (Adjust to static power limit)

- Status monitoring
- Troubleshoot
- Statistics
- Firmware upgrade

Product & Accessories
Terra AC

ESC CODE	DESCRIPTION
6AGC082587	ABB Terra AC EV Charger 3.7kw 1ph 16A
6AGC082155	ABB Terra AC EV Charger 7.4kw 1ph 32A
6AGC082153	ABB Terra AC EV Charger 22kW 3P 32A with RFID4G
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
EVL1P32AEVT2T1-8M	8 Meter EV Charging Cable 32A 1 Phase Type2 to Type1
EVL1P32AEVT2T2-5M	5 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
EVL1P32AEVT2T2-8M	8 Meter EV Charging Cable 32A 1 Phase Type2 to Type2
EVPEDESTAL1	Single Pedestal for EV Charger
EVPEDESTAL2	Double Pedestal for EV Charger