

DELTRIX

charging solutions



Deltrix Basic Single-Port AC Wallbox

The Deltrix Basic AC Wallbox with its tethered Type 2 Cable is suitable for plug and play home use or any free charging installation. It is available in a single-phase version that supports from 3.6 to 7.4KW or a three-phase version up to 11KW. Its small form factor can fit into the tightest space on any wall or garage.

Our Technology
Your Charger

With this station, you can charge up to 5 times faster than from a standard domestic socket.

Just **connect** and **start charging!**

Key Features

- Up to 11KW on each port (16A, 3-Phase) or (32A, 1-Phase)
- Single Tethered 2.5m Type 2 Cable
- Small Form Factor (HxWxD) 221mm x 220mm x 84mm
- Weight 4KG
- For residential and optionally commercial use
- Weather-proof construction IP54 / IK10
- Wall-mounted or Pedestal (optional)
- Contactor Weld Detection
- Built-in ground fault sensor (RCM14 for DC current max 6 mA)
- Mounting Pole with space for an RCD/RCBO (optional)
- Key Locking (optional)
- Customizable: Select a colour scheme and add your logo



Technical Specifications

Electrical Characteristics

Charge Mode	Mode 3 (IEC 61851-1)
Nominal Supply – 3 Phases	230/400V, 50 Hz
Charging Power Rating	3.6 to 11KW per port
Over Current Protection	40A Supply
Current Rating	16A or 32A
Standby Power Consumption	~3W
Earth Leakage Protection	Built-in ground fault sensor (for DC current max 6 mA) External RCBO (optional in mounting Pole)
BS7671:2018 Support (earthing check)	Planned (with add-on board)
Supply Connections (3 Phase)	L1, L2, L3, N, PE 2.5 - 10mm2

Functional Interfaces

Load-Balancing	Optional via RS485
MID Meter	No
RFID Card Reader	No
Key Locking	Optional
Communication Interface	No
Local Area Network	No
Wide Area Network	No
I ² C Bus	For external Switching & Control with add-on board
Modbus/RS485	Yes

Safety and Operational Ratings

EMC Compliance	FCC Part 15 Class A
Operating Temperature	-30°C to +50°C
Operating Humidity	up to 85% @ +50°C non-condensing
Non-Operating Humidity	up to 95% @ +50°C non-condensing

Mechanical Features

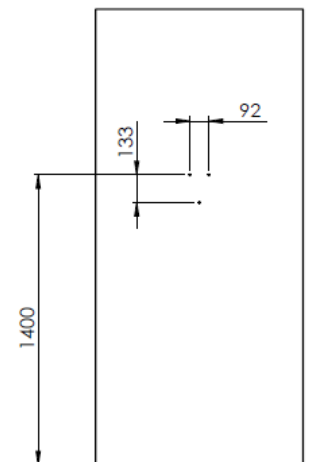
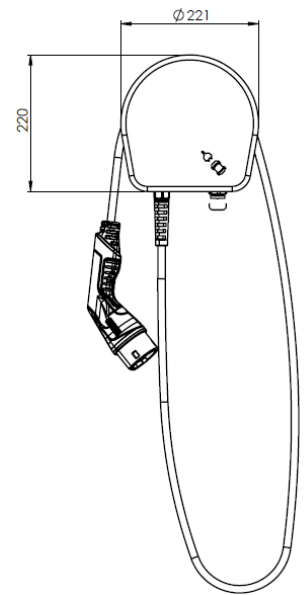
Socket	No
Charging Cable	Type 2 according to IEC 62196-1 und IEC 62196-2
Mounting Location	Wall or Pedestal (optional)
Dimensions (HxWxD)	221mm x 220mm x 84mm
Weight	4kg excl. Cable
IP-class / IK-Class	IP54 / IK10
Holster	Not required

Compliance

Product Certification	CE
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Part No.

DE74SPBAC-1	Single Port Basic AC Charger with tethered cable - 1 Phase
DE11SPBAC-3	Single Port Basic AC Charger with tethered cable - 3 Phase



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