

DELTRIX

charging solutions



DExxBAC: Basic Dual-Port AC Wallbox

The Deltrix Basic Dual-Port AC EV Charging Station has been designed for both home and public use. It can support up to two Type-2 outlets and can charge up to 11KW with 3 Phases or 7.4KW with 1 Phase on each socket simultaneously.

The flexible enclosure can be ordered with socket, cables or a combination of both and house the RCDs if necessary. The enclosure can be wall or pedestal mounted.

An RS485 Bus interface offers the ability to add external control as does the relay interface for a Photovoltaic System.

Key Features

- Dual Port with sockets or fixed cables
- Form Factor (HxWxD): 476mm x 396mm x 165mm
- Weight 14KG
- RS485 Bus connection for external control
- Relay Interface e.g. for use with a PV System
- For residential and commercial use
- Up to 11KW on each port (16A, 3-Phase) or (32A, 1-Phase)
- Weather-proof construction IP54 / IK10
- Wall-mounted or Pedestal (optional)
- Built-in Residual Current Monitor
- Socket Locking
- Contactor Weld Detection
- Enclosure can house Energy meter and RCD/RCBO
- 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 (RCM14 for DC current max 6 mA)

Supply Connections (3 Phase)

Internal RCD/RCBO (Optional)
L1, L2, L3, N, PE 2.5 - 10mm²

Functional Interfaces

Load-Balancing	Local Load-Balancing between both ports
MID Meter	No
RFID Card Reader	No
LAN/Wi-Fi	No
Key Locking	Optional
Communication Interface	RS485 Bus + basic set of Modbus commands
Firmware Update	Yes, with programming cable or via the RS485 Bus
Relay Interface	Yes, e.g. for a Photovoltaic System
I ² C Bus	Yes, for customer-specific additional features (please contact us)

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	IEC 62196 Type 2, 32A, IP54 hinged lid, locking
Charging Cable	Type 2 according to IEC 62196-1 und IEC 62196-2
Mounting Location	Wall or Column (optional)
Dimensions (HxWxD)	476mm x 396mm x 165mm
Weight	14kg
IP-class / IK-Class	IP54 / IK10
Holster	Optional - Only on tethered version

Compliance

Product Certification

CE	
DE74BAC-1-2	1-Phase supporting 16A/3.6KW or 32A/7.4KW on each port
DL11BAC-3-2	3-Phase supporting 16A/11KW on each Port
	(please specify if you require sockets, cables, or a combination)

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