

# DELTRIX

charging solutions



## Deltrix Smart Dual-Port AC Charging Station

The Deltrix Smart AC Charging Station has been designed for public and commercial use. It supports two Type 2 outlets (Cables, Sockets, or a combination) in an industrial grade cabinet and can charge up to 22KW on each socket simultaneously. The cabinet has enough space to accommodate any additional electronics or functionality to meet your requirements.

The user interfaces with an optional 10" LCD screen. An integrated RFID reader supports user identification and a MID meter enables financial settlement. Internet connection is via GPRS/GSM or Ethernet to allow the unit to be connected to the customer's parent system or charging station management platform using the OCPP protocol.

**Our Technology**  
**Your Charger**

## Key Features

- Mode 3 / Type 2 Cable
- Dual Port with to 2 x 22KW on each port
- Stylish and robust industrial grade enclosure
- Weather-proof construction IP54 / IK10
- LED Status lighting
- Form Factor (HxWxD) 1650mm x 339mm x 247mm
- For public and commercial use
- Base mounting support
- 10" LCD Display
- RFID Access
- OCPP Support - OCPP 1.5/1.6/2.0 (future)
- Communications – GSM, Ethernet, and CAN Bus
- Spiral Cable with Holster
- Bespoke Enclosure: 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	Up to 22KW on each 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 RCBO L1, L2, L3, N, PE 2.5 - 10mm <sup>2</sup>

## Functional Interfaces

LCD Display	10" LCD Display
MID Meter	Included
PTB/Eichrecht Conformity	Pending
Card Reader	RFID ISO 15693, 14443, NFC
Communication Interface	OCPP 1.5/1.6/2.0 (future)
Local Area Network	Ethernet
Wide Area Network	3G GSM, 3G CDMA (850/900/1800/1900 MHZ)

## 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

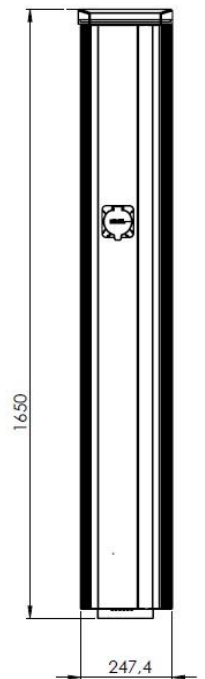
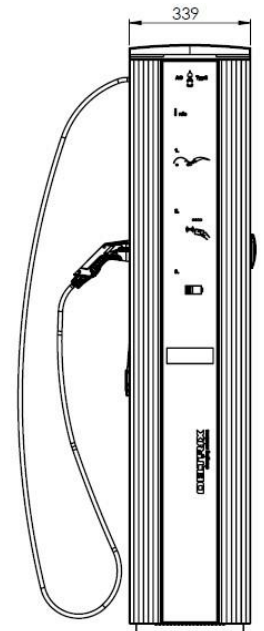
Socket	N/A
Charging Cable	Spiral Type 2 according to IEC 62196-1 und IEC 62196-2
Mounting Location	4 x screws for a concrete base (not provided)
Dimensions (HxWxD)	1650mm x 339mm x 247mm
Weight	50kg
IP-class / IK-Class	IP54 / IK10
Holster	Yes

## Compliance

Product Certification	CE
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## Part No.

DL22SDPCAC-3-2C	22KW Smart Dual-Port Charging Post – 2 x Cables
DL22SDPCAC-3-2S	22KW Smart Dual-Port Charging Post – 2 x T2 Sockets
DL22SDPCAC-3-1C1S	22KW Smart Dual-Port Charging Post – 1 x Cable, 1 x Socket



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