HYDRA DION

4 models: 20kW single, 30kW single, 40kW single, 40kW (2 x 20kW) Dual
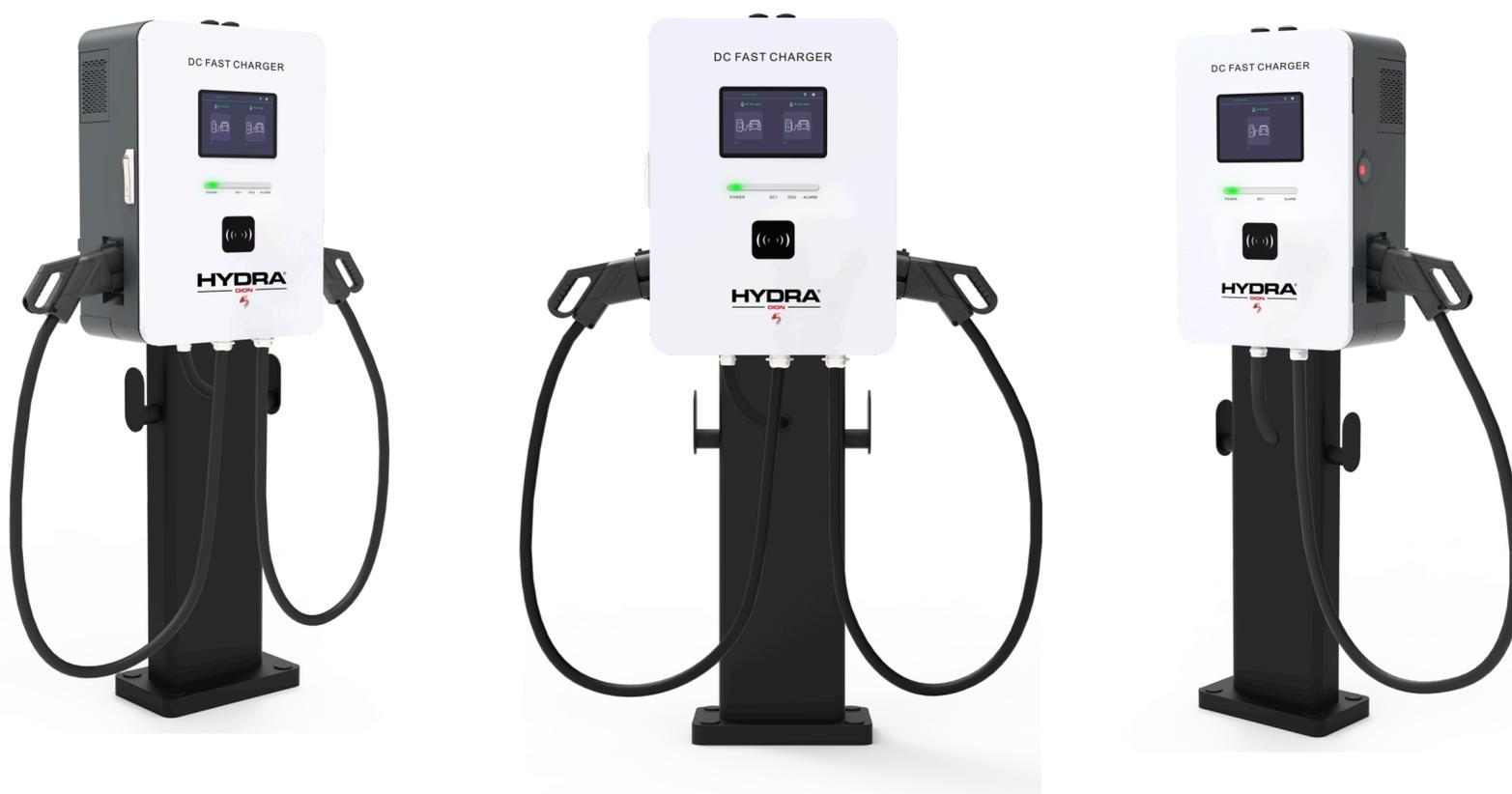
HYDRA DION

Advanced, high quality, smart commercial charger.

The Hydra Dion fast EV charger provides a solution to compact DC charging using a standard three phase AC power supply.

✓ Real-time Management platform for multiple chargers

✓ Integrated or standalone e-POS contactless payment device options

✓ Compact Size: for applications with limited space

✓ DC Charging for limited power supply

Designed for quick and efficient setup, reducing labour expenses.

PRODUCT FEATURES

RCD Protection

RCD protection
Built-in Type B RCD
DC 6 mA / AC 30 mA
(Industrial-grade protection)

Integrated Protections

Overvoltage, undervoltage
protection, lightning protection,
phase loss detection

Earthing Arrangement

PEN fault detection

Connectivity

Ethernet/4G/Built-in RFID reader
/ POS / OCPP 1.6J

LCD Display

High definition industrial touch
screen

Load Balancing

Controlled by the platform
through a monitoring device.

Mounting

Pedestal/wall mounting

Protection (Enclosure)

IP55

Cooling Method

Smart air cooling with a built in
fan

Type of Connection

3P+N+PE

Specification	20kW Single	30kW Single	40kW Single	40kW (Dual)
Input current	33A	50A	61A	61A
Cable size	16mm²	25mm²	25mm²	25mm²
Connector	1 x CCS2	1 x CCS2	1 x CCS2	2 x CCS2
Output power	20kW	30kW	40kW	40kW (1 EV) 20kW (2 EVs)
Weight	82 kg	89 kg	93 kg	126 kg
Dimensions	H: 76 cm, W: 50 cm, D: 31 cm		H: 79 cm, W: 58 cm, D: 31 cm	
Product Code	HD-20-DC	HD-30-DC	HD-40-DC-S	HD-40-DC

- **Nominal Supply:** 400V AC±15%

- **Output Supply:** 150~1000 DCV

- **Installation network:** TN, IT, and TT

- **Installation:** Indoor / Outdoor

- **Certification:** EN IEC-61851-1:2019; EN61851-23:2014; EN 61851 24:2014; EN IEC 61851-21-2:2021

- **Energy Meter:** MID Certified DC Meter(s)

- **Status Indication:** Multicoloured LED Stripe

- **Input protection:** Overvoltage, undervoltage protection, lightning protection, phase loss detection
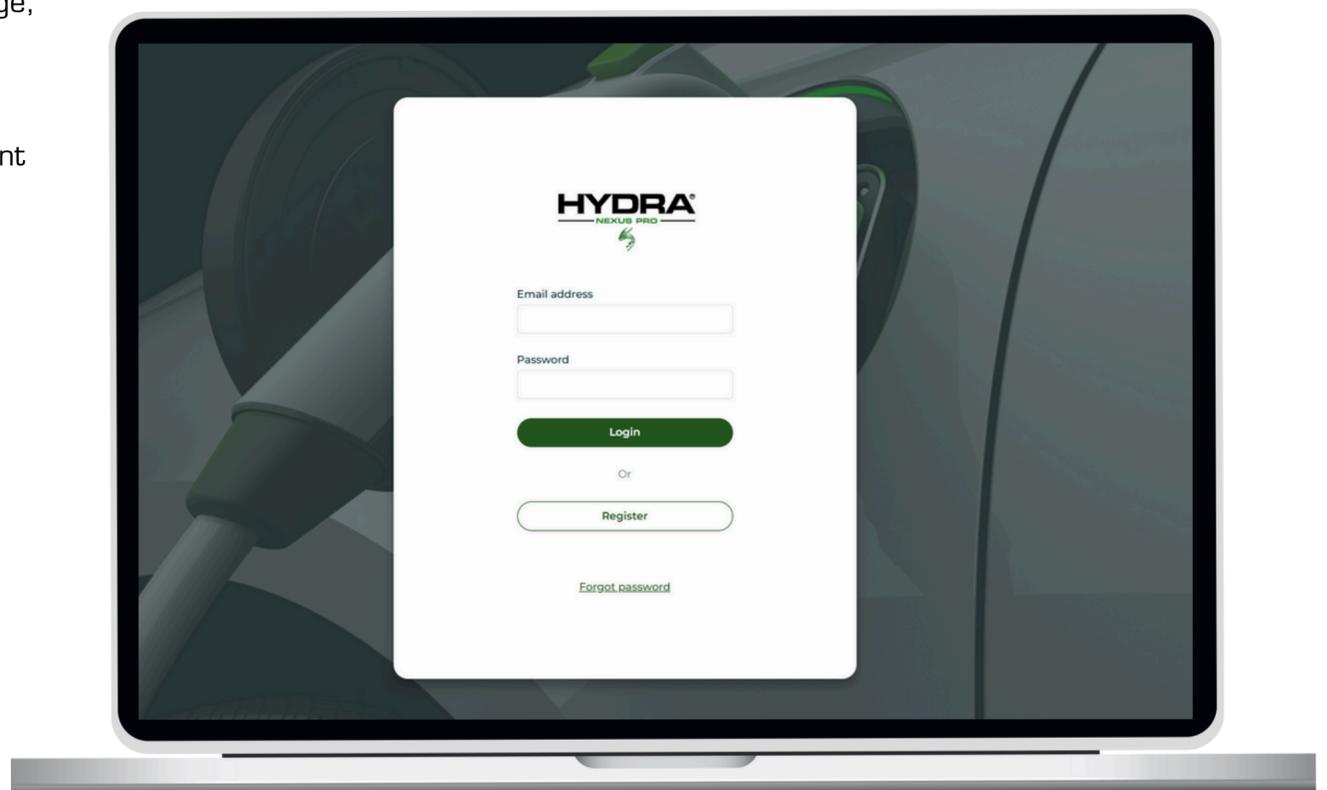
HYDRA NEXUS CLOUD PRO PLATFORM

The Hydra Nexus Cloud Pro platform allows for management of all of your commercial chargers. This allows you to monitor usage, bill users and keep track of revenue.

You can also create specific tariffs for FREE/cheaper charging to benefit different users.

- RFID activation

- View charging in real time

- Multi-user access

- Usage analytics

- QR code activation

- Optional contactless payment device available

- Can be used for public or private chargers

HYDRA
ELECTRIC VEHICLE CHARGERS

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