



HYDRA ATHENA





43 Inch Advertising Screen With AC Charging



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The Hydra Athena is more than just a AC EV charger; with built-in digital advertising — a dual-purpose solution that charges cars whilst generating revenue, maximising ROI in high-footfall locations.

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Real-time Management platform for multiple chargers
- 
Potential for revenue generation
- 
Dynamic Load Management Option
- 
PEN fault detection

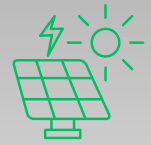


Custom built, **revenue generating** AC charger





PRODUCT FEATURES



Display

43" screen
(not touch screen) for advertisements
LCD Screen + 5" touch screen display for charging



Integrated Protections

Over- and undervoltage, missing ground connection, surge protection, over temperature



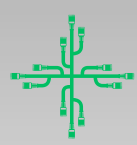
Earthing Arrangement

PEN fault detection



Connectivity

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



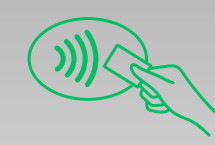
Cabling

5 core cable, 3 lives 1 earth and 1 neutral. Gauge depending on calculations



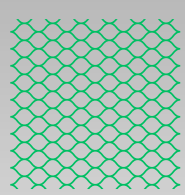
Load Balancing

Controlled by the platform through a monitoring device



Payment Terminal

Optional POS device built into the charger from factory



Protection (Enclosure)

IP55



Housing Material

SPCC carbon steel



Installation

Floor mounted



SPECIFICATIONS

- **Nominal Supply:** 400V AC±10%
- **Adjustable power:** Power adjustable on screen
- **Installation network:** TN, IT, and TT
- **Installation:** Indoor / Outdoor
- **Advertising Screen:** Adverts are easily uploaded via a memory stick
- **Energy Meter:** 2 X MID Certified Meter
- **Status Indication:** Multicoloured LED Stripe
- **Input supply:** 1 x 64A split between both sockets
- **Working Temperature:** -30°C – +50°C



• **Certification:** EN IEC 61851-1:2019; IEC 61851-1:2017;
 EN IEC 61851-21-2:2021;EN IEC 61000-6-1:2019; EN IEC 61000-6-2:2019; EN IEC 61000-6-3:2021;EN IEC 61000-6-4:2019; ETSI EN 300 328 V2.2.2:2019;ETSI EN 300 330 V2.1.1:2017; ETSI EN 301 489-1 V2.2.3:2019; ETSI EN 301 489-3 V2.1.1:2019; ETSI EN 301 489-17 V3.2.4:2020; EN IEC 62311:2020

Connection type	AC Charging output (s)	Input Supply (s)	Product Code
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Three Phase Units	2X Type 2 charging socket	Up to 22kW per socket	1x Three Phase cable 400V AC (±10 %) 50/60Hz	HAT-##-SO (##=Model Power) E.g.: HAT-22-SO
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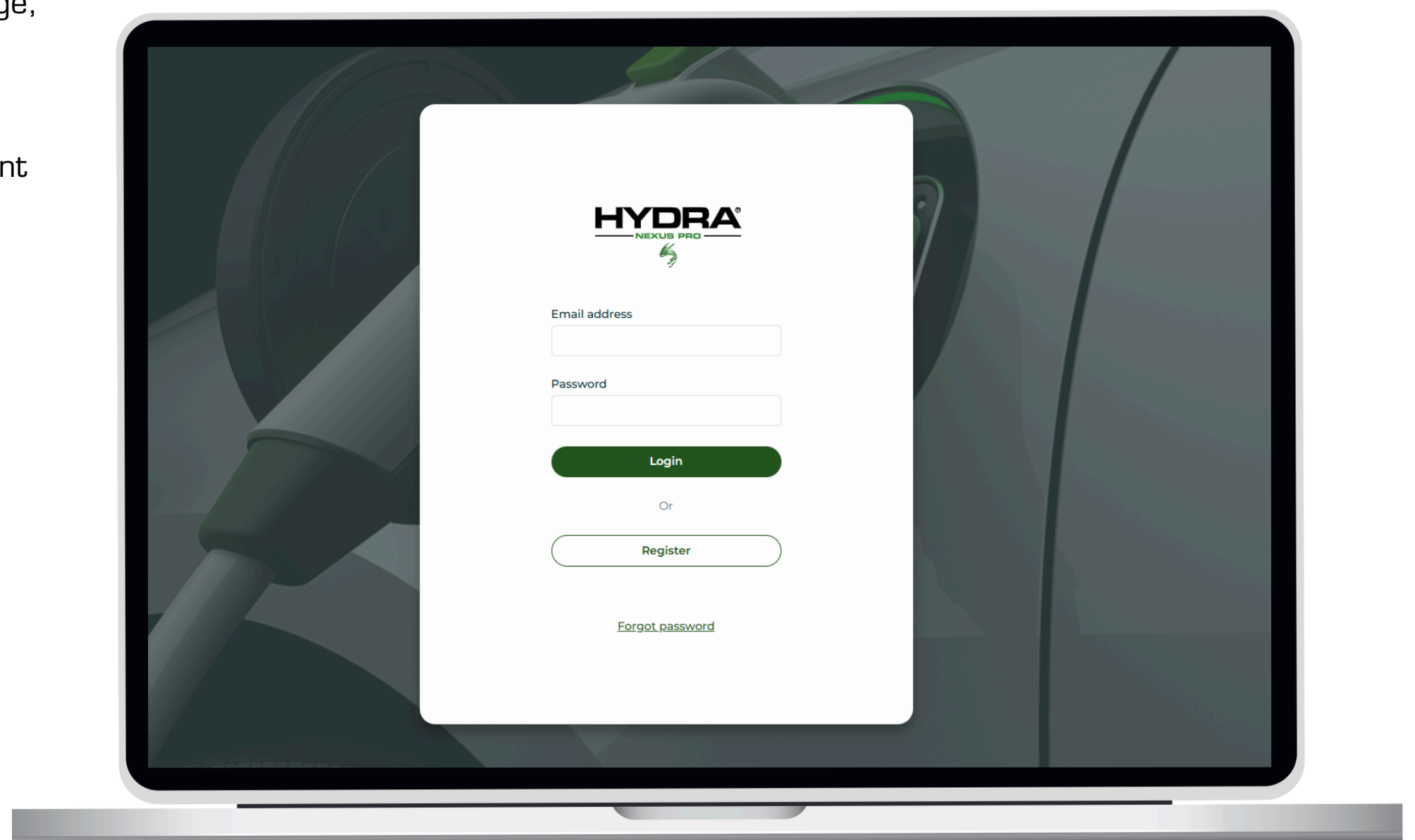
HYDRA NEXUS CLOUD PRO PLATFORM



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





t: 01268 205 121
e: sales@hydraev.co.uk
www.hydraev.co.uk

