HYDRA APOLLO MAX
Dual 100kW DC
Ultra-Rapid Charger

- Free standing

- Dual Type-2 CCS charging guns

- 7" digital user interface

- 55" integrated advertising screen

- Dual 100kW DC Ultra-Rapid output

- Fabricated from sheet metal

- Three-phase (480V AC)

- OCPP 1.6J compatible

- Anti-UV protection & IP54 rated

- Ethernet, WiFi or 4G connectivity

- No earth required (PEN Protection)

- Integrated Hydra Nexus remote management

- Integrated Digital Media management

- Pensio contactless payment solution

Contactless Payments

Advertise. Monetise. Energise.

THE Hydra Apollo MAX is unique in the marketplace and at the forefront of commercial EV charging technology.

In addition to offering dual 100kW Ultra-Rapid DC charging, the Hydra Apollo MAX is designed as a premium, freestanding advertising totem with a built-in **55" DIGITAL SCREEN**.

This offers almost limitless additional revenue for a public EV chargepoint location, in addition to the revenue generated from the EV charging capabilities.

The built-in RFID card-reader can control access to the charger and help monitor usage while the optional **PENSIO CONTACTLESS PAYMENT SOLUTION** allows app-free charging to the public and an important revenue stream.

As with all Hydra EV charging solutions, the Apollo is OCPP compliant which allows secure and real-time communications with our unique **HYDRA NEXUS** management platform via a wired network or 4G data connection. It is also compatible with other OCPP platforms such as Monta and Fuuse allowing seamless integration with an existing network.

The Hydra Apollo MAX has built-in safety functions which can shut down the charger if it detects input under voltage, input over-voltage, output short-circuit, output over-voltage, output over-current, reverse battery connection communications failure, insulation detection, etc.

Pre-installed with the EMBED Digital Display and Advertising Platform.

embed

Embed signage is digital display platform packed with powerful scheduling options, a beautiful and intuitive visual builder, custom user roles to allow team collaboration, content apps, widgets, plugins, analytics and so much more. Embed is pre-installed onto each Hydra Apollo MAX.

Input power	3Ph + N + PE(L1, L2, L3, N, PE)
AC input voltage	380/480VAC ± 10%
AC input frequency	50 / 60 Hz
Maximum input current	400A
Power factor	0.99 (full load)
Efficiency	95% (full load)
Charging Plugs	2 x CCS2
Rated power	200kW max, 100kW per plug
Output voltage	200 ~ 750 VDC
Maximum output current	250A
Cable length	5 meters
Customer Interface	7" LCD Touch screen
Media Display	55"
Safety standards	IEC 61851-1:2010 / IEC 61851-23:2014 IEC 61851-1 : 2017
EV Compliance	CCS2 DIN70121/ISO15118
Back-end Communication protocol	OCPP 1.6
RFID system	ISO 14443 type A, MIFARE S50,S70
Internet connection	4G, Ethernet, Wi-Fi
Energy meter	EU MID Approved
Payment terminal	Card Payment, POSmachine, QR code
Certification	CE
Dimensions	2100mm x 950mm 750mm
Weight	500kg
WORKING ENVIRONMENT	
Protection level	IP54
Operating temperature	-25 °C ~ +50 °C
Storage temperature	-40°C ~+65°C
Relative humidity	5% ~ 95%, no condensation
Altitude	≤ 2000 m
Running noise	≤65 dB
Cooling method	Natural
Usage	Indoor or Outdoor
Operating conditions	No conductive dust, non-corrosive gas, non-explosive gas, no strong vibration
Installation method	Vertical installation with an inclination angle of less than 5°