



HYDRA APOLLO Dual 7kW, 22kW or 43kW AC

- Free standing
- Dual Type-2 charging guns
- 5" digital user interface
- 55" integrated advertising screen
- Dual 7kW/22kW/43kW output
- Integrated Hydra Cloud remote management
- Fabricated from sheet metal
- Three-phase (400VAC)
- OCPP 1.6J compatible
- Anti-UV protection & IP55 rated
- Ethernet, WiFi or 4G connectivity
- No earth required (PEN Protection)
- Nayax contactless payment module



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Advertise. Monetise. Energise.

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

In addition to offering dual fast AC charging in 7kW, 22kW and 43kW output options, the Hydra Apollo is designed as a premium, freestanding advertising totem with a built-in 55" **DIGITAL SCREEN**.

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

The RFID card-reader can control access to the charger and help monitor usage while the optional **NAYAX CONTACTLESS PAYMENT MODULE** allows app-free charging to users outside of your organisation.

As with all Hydra EV charging solutions, the Apollo is OCPP compliant which allows secure and real-time communications with our unique **HYDRA CLOUD** management platform via a wired network or 4G data connection.

The Hydra Apollo 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 Platform.



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. *(see our website for more information)*



HYDRA APOLLO Dual 7kW/22kW/43kW

Sheet metal housing	Sheet metal made of 1.5mm SGCC galvanised steel, inner layer sprayed with zinc primer and outer-surface sprayed with weatherproof powder coating
Explosion-proof glass	5mm ultra white explosion-proof toughened glass
High Brightness LCD	High brightness LCD for outdoor use, LED backlight, brightness 2500cd/m ² , visible in sunlight Screen resolution 1920 x 1080 HD Automatic light sensor adjusts the screen brightness according to the ambient light, energy saving and power saving, reduces light pollution.
CPU Motherboard	Android RK3288A motherboard with network information distribution system
Electrical control	Leakage protection switch, leakage protection, over-voltage protection. microcomputer timing switch, timed control of machine start/stop in time slots. Lightning protector, lightning protection class C, to prevent instantaneous induction lightning strikes. Industrial grade power supply, stable and reliable power supply
Heat Dissipation	Intelligent fan integration temperature control, to meet the -30°C ~ +55°C outdoor environment display does not darken, the whole machine works normally. Temperature-controlled axial flow fan, supporting fan speed control board, automatic temperature sensing, automatic adjustment of fan speed, energy saving and power saving, prolonging the service life of the fan. Efficient multi-layer filtration system preventing dust ingress



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	Components	Specification
LCD screen	Size	55"
	Active Area	680mm x 1209mm
	Display Scale	9:16
	Resolution	1080 x 1920 FHD
	Brightness	2500cd/m ²
	Contrast Ratio	1400:01:00
	Viewing Angle	89/89/89/89
	Display Colours	16.7M
	Colour Gamut	72% NTSC
	Optical Mode	ADS Normally black
	Refresh Rate	60Hz
	Change in Brightness	1.33
	MTBF	100000 hours
Android motherboard	CPU	RK3288A
	RAM	2GB
	Storage	8GB
	Interface	2 x USB, SD
	Wireless Network Modules	Mobile 4G Module
Housing	IP Rating	IP54
	Weight	130kg
	Mounting Method	Floor Standing
Working parameters	Video Interface	LVDS
	Audio Interface	I/O inputs
	Brightness Control	Automatic
	Temperature Control	Smart Fan
	Operating Temperature	-30°C to +50°C
	Storage Temperature	-40°C to +65°C
	Working Humidity	5% to 90%
	Power Supply	220V