



HYDRA ZODIAC

7kW and 22kW

- Domestic or Commercial Application
- 7kW Output (Single Phase 240v)
- 22kW Output (Three Phase 400v)
- 95% Efficiency
- OCPP 1.6J Compliant
- Type 2 Charging Socket
- IP65 Rated
- PEN Detection
- Paired With OCPP compliant Back Office Management Software
- OZEV Approved
- HomeCharge smart-phone app
- WiFi or RJ45 comms

The sleek and stylish Hydra Zodiac has been designed specifically for the UK EV home-charging market - IP65 weatherproofing to prevent dust and water ingress as well as UV protection - but also has a commercial sibling which can take advantage of a three-phase power grid to deliver a charging output of upto 22kW.

The Hydra Zodiac is a very affordable, lower cost option for the discerning EV owner as it offers a simpler installation without the need for an additional earthing rod and can be connected directly to the main consumer unit to give 7kW of smart charging power, either with an open socket to attach the cable that came with your EV or as a tethered design which includes a 4m cable. (Cables are also available separately if you wish to keep one at home as well as in the boot of your car).

The residential 7kW Hydra Zodiac can communicate with the HomeCharger app to commence and monitor EV charging with times optimised to take full advantage of low-cost energy tariffs offered by some utility companies. In standby mode the power consumption is just 2w. Simple LED indicators



will show the charging status of the vehicle. The Commercial 22kW Hydra Zodiac can utilise a three-phase power grid more commonly found in commercial and industrial premises to charge at the higher rate of 22kW for those vehicles which are able to make use of it.

Both 7kW and 22kW chargers can also be installed as part of a company-wide network offering multiple charge points in one car park or even at multiple sites nationwide. Our Hydra Cloud monitoring and management facility gives the real-time status of each individual charger as well as offering reports on peak and overall usage.

The highest possible standard of safety features are built in to every Hydra EV charger, the Zodiac benefits from over/under voltage protection, overload protection, leakage protection, over-current protection and built-in PEN detection.

Available in a range of colours, the Zodiac offers a minimalistic design while maintaining market-leading quality and longer lifespan.



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Product Name	Hydra Zodiac
Charging Socket	Type 2 Socket or Tethered with 4.7m charging lead
Rated Output	7kW 22kW
Rated Maximum Current	32A
Dimensions	H x 350mm W x 200mm D x 135mm
Weight	3kg
Unit Material	Polycarbonate Reinforced ABS
Mounting	Wall Mounted Pedestal Mounted
Encryption Type	OCPP 1.6JSON
Standby Consumption	2W
Charging Mode	Mode 3
Terminal Size	16mm Terminals
Certificates & Compliance	IEC 61851-1 IEC 61851-22 CE Certified
Environmental Protection Rating	IP65
Input/ output Voltage	Single Phase: 230VAC \pm 10% Three Phase: 400VAC \pm 10%
Fault Detection	PEN Fault Detection
Earth Leakage Detection	Type A 30mA AC and 6mA DC
Warranty	Standard 5 Year Warranty (if installed by OZEV approved electrician)
Recommended Maintenance Period	1 year from date of install
Connectivity	RJ45 Ethernet and WIFI
Input Frequency	50Hz(\pm 10%)/ 60Hz(\pm 10%)
Safety Features	Emergency Stop Button
Colour Options	Standard Colours: Black/ White/Grey Special Order Colours: Teal/Coral/Blue

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