



# HYDRA MEDUSA

## Dual/Quad 360kW

### Rapid DC charging

- Dual or Quad charging CSS guns
- Rapid DC Charging up to 180kW per vehicle
- Three Phase (750V)
- Maximum 360kW total output  
2 x 180kW or 4 x 90kW
- Ethernet/Wi-Fi/4G Connectivity
- IP55 Weatherproof Rating
- OCPP 1.6J compatible
- Pensio contactless payment solution  
for app-free charging

**The Hydra Medusa EV charging station is one of the most advanced, intelligent, and aesthetically designed ultra-fast electric vehicle chargers in the UK offering 360kW rapid DC charging power.**

The Medusa is designed to maximise public charging at locations where the electric vehicle is parked for shorter periods, such as shopping centre car parks, service stations and other commercial venues.

Each Medusa EV chargepoint can supply either 180kW of power to two electric vehicles simultaneously or 90kW to four EVs. This technology relies on the highest possible levels of efficiency with built-in power monitoring and distribution. Next-generation innovation allows the charging station owner to stay ahead of the curve for Ultra Rapid DC Charging which covers the widest selection of EVs possible.

The Hydra Medusa EV charging station can be paired with our unique Hydra-Nexus network management facility - connecting via wired ethernet or by 3G/4G data network - allowing real-time monitoring of charging demand across the



whole network as well as being able to focus on individual chargepoints to view peak and total power consumption and overall levels of usage allowing the manager to direct resources accordingly.

Being fully OCPP compliant the Medusa is also compatible with other management platforms.

The Medusa comes fitted with the latest in air and liquid cooled charging gun technology, equipped with dual or quad CCS2 connectors.

Access to the charging facilities can be granted and monitored with an RFID card, a smartphone app, scan-and-pay (QR code) and our Pensio Contactless Payment solution which facilitates public paid access to the charging facilities and offers a faster return on investment.



## HYDRA MEDUSA Rapid DC Charging

Model Number	
Input power connection	3 phase + N + PE (L1, L2, L3, N, PE)
AC input voltage	380/400VAC ± 10%
AC input frequency	50 / 60 Hz
Maximum input current	272A (350~400A) x 2
Power factor	0.99 (full load)
Efficiency	94% (full load)
Charging Output	CCS2
Rated power	180kW x 2 or 90kW x 4
Output voltage	200 ~ 1000 VDC
Maximum output current	DC 500 A (180kW)
Cable length	5metres
User Interface	7.5 inch LCD Touch screen
Safety standards	IEC 61851- 1 : 2010 / IEC 61851-23 :2014, IEC 61851- 1 : 2017
EV Compliance	CCS2 DIN70121 ISO 15118
Communication protocol	OCPP 1.6 JSON
RFID system	ISO 14443 type A, MIFARE S50,S70, ISO1443/1/2/3/4 T=CL
Internet connection	4G / Ethernet ,Wi- Fi, RJ45
Energy meter	EU MID Approved
Certification	TUV CE
Dimensions	2100mm x 980mm x 700mm
Weight	500kg
Protection level	IP55
Operating temperature	-10 °C ~ +50 °C
Storage temperature	-40 ~+65 °C
Relative humidity	5% ~ 95%, no condensation
Running noise	≤75 dB
Cooling method	Liquid cooling