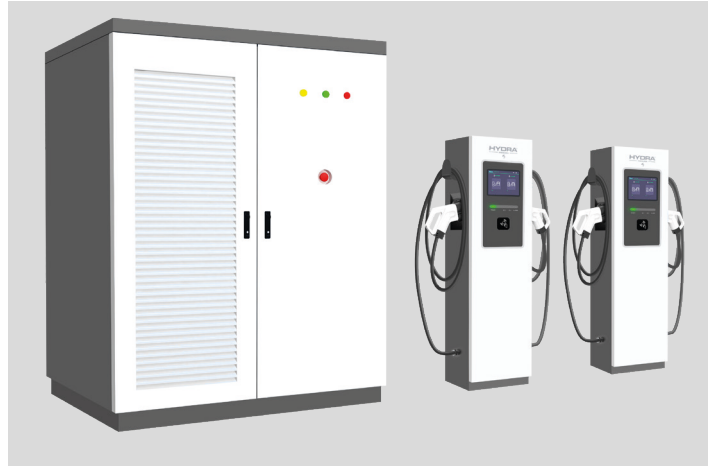




HYDRA MEDUSA

240-1040kW

- Commercial or Public Charging Application
- CCS2 Charging Outlets
- 240-1040kW Output's
- No Earth Rod Required (PEN Protection)
- Dedicated Output RCDs
- IP55 Rated
- Anti-UV Protection
- OCPP 1.6J Compliant
- Connectivity (Ethernet/WIFI/4G)
- 10" LCD User Interface
- Fabricated Sheet Aluminium



The Hydra Medusa fast DC EV charger suitable for the workplace, office and a commercial location – available from 240 upto 1040kW.

A sleek and aesthetic design that minimises the foot print by offloading the bulky industrial AC-DC converter to a stand alone power unit that can be hidden away from public view.

It comes with a complete 10" Touchscreen LCD for User interaction which allows for ease of use and can display real-information of the active charging sessions.

With being able to start a charging session either via the RFID reader, the contactless payment device or our native Nexus Cloud Pro app, allows any user to be able to start a charge with ease whilst also providing an additional revenue stream.

The Hydra Medusa, is fully compliant with OCPP 1.6J, which allows secure and real-time communications with our native Nexus Cloud Pro management platform.

Nexus Cloud Pro is a complete EV charging management facility that offers for any level of EV control with no hidden extra fees.



HYDRA MEDUSA

Split Type DC Charger				
Model	TS-EDH1040	TS-EDH960	TS-EDH880	TS-EDH800
Output Power	1040kW	960kW	880kW	800kW
Output voltage	200-1000V			
Input voltage	400V±10%(Three phase five wire)			
Input current	3Φ1580A	3Φ1459A	3Φ1337A	3Φ1216A
Working frequency	50/60Hz			
Output efficiency	≥94% (More than half of the load)			
Power factor	≥0.99			
Standby wear and tear	≤0.1%			
Output voltage	±0.5%			
Output stable current	≤±1%			
Harmonic current	≤±4%			
Noise	≤±65dB			
Air Cooled Terminal Parameters (dual-connectors)				
Input voltage	200-1000V			
Input current	0-400A			
Output voltage	200-1000V			
Output current	0-400A			
Liquid Cooled Terminal Parameters (single-connector)				
Input voltage	200-1000V			
Input current	0-500A			
Output voltage	200-1000V			
Internal	CAN,RS485,RS232			
Output current	0-500A			
Mechanical Performance				
Shell material	Galvanized steel sheet			
Cooling method	Air cooled/liquid cooled			
Altitude	≤2000m(6000 feet)			
Human-computer Interaction				
Display Size	10"			
Display screen material	LCD			
Brightness	450cd/m			
Resolving power	800*1280			
Network Connections				
Network connections	WiFi, Ethernet, 4G			
OCPP	OCPP1.6J			



HYDRA MEDUSA

Split Type DC Charger				
Model	TS-EDH720	TS-EDH680	TS-EDH600	TS-EDH520
Output power	720kW	680kW	600kW	520kW
Output voltage	200-1000V			
Input voltage	400V±10% (Three phase five wire)			
Input current	3*1152A	3*1034A	3*912A	3*790A
Working frequency	50/60Hz			
Output efficiency	≥94% (More than half of the load)			
Power factor	≥0.99			
Standby wear and tear	≤± 0.1%			
Output voltage stabilization accuracy	≤± 0.5%			
Output stable current accuracy	±1%			
Harmonic current	±4%			
Noise	±65dB			
Air Cooled Terminal Parameters (dual-connectors)				
Input voltage	200-1000V			
Input current	0-400A			
Output voltage	200-1000V			
Output current	0-400A			
Liquid Cooled Terminal Parameters (single-connector)				
Input voltage	200-1000V			
Input current	0-500A			
Output voltage	200-1000V			
Output current	0-500A			
Mechanical Performance				
Shell material	Galvanized steel sheet			
Cooling method	Air cooled/liquid cooled			
Human-computer Interaction				
Display Size	10"			
Display screen material	LCD			
Brightness	450cd/m			
Resolving power	800*1280			
Network Connections				
Network connections	WiFi, Ethernet, 4G			
OCPP	OCPP1.6J			



HYDRA MEDUSA

Split Type DC Charger				
Model	TS-EDH480	TS-EDH400	TS-EDH320	TS-EDH240
Output power	480kW	400kW	320kW	240kW
Output voltage	200-1000V			
Input voltage	400V±10% (Three phase five wire)			
Input current	3*730A	3*608A	3*487A	3*345A
Working frequency	50/60Hz			
Output efficiency	≥94% (More than half of the load)			
Power factor	≥0.99			
Standby wear and tear	≤± 0.1%			
Output voltage stabilization accuracy	≤± 0.5%			
Output stable current accuracy	±1%			
Harmonic current	±4%			
Noise	±65dB			
Air Cooled Terminal Parameters (dual-connectors)				
Input voltage	200-1000V			
Input current	0-400A			
Output voltage	200-1000V			
Output current	0-400A			
Liquid Cooled Terminal Parameters (single-connector)				
Input voltage	200-1000V			
Input current	0-500A			
Output voltage	200-1000V			
Output current	0-500A			
Mechanical Performance				
Shell material	Galvanized steel sheet			
Cooling method	Air cooled/liquid cooled			
Human-computer Interaction				
Display Size	10"			
Display screen material	LCD			
Brightness	450cd/m			
Resolving power	800*1280			
Network Connections				
Network connections	WiFi, Ethernet, 4G			
OCPP	OCPP1.6J			