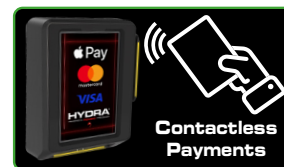
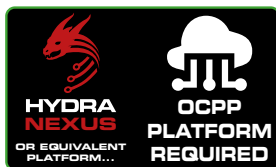




HYDRA APOLLO MAX

up to 240KW Ultra-Rapid DC

- Free standing
- Dual Type-2 CCS or CHAdeMO charging guns
- 10.1" digital user interface
- 43" integrated advertising screen
- Dual 60-240kW DC Rapid or Ultra-Rapid output
- Three-phase (400V AC)
- OCPP 1.6J compatible
- IK10 & IP55 rated
- WiFi, Ethernet or 4G connectivity
- Multi-revenue streaming product (charging and advertising revenue)
- Available with contactless payment solution



The Hydra Apollo Max is an ultra-rapid DC EV charger delivering between 60-240kW.

It's a freestanding charger with dual Type-2 CCS or CHAdeMO connectors, allowing simultaneous charging. The unit features a 10.1" user interface and a 43" advertising screen, providing both charging and advertising revenue streams.

Designed for durability, it is IK10 & IP55 rated, making it suitable for outdoor use. It supports contactless payments and is OCPP 1.6J compatible, offering real-time monitoring via WiFi, Ethernet, or 4G connectivity.

The Hydra Apollo Max is an ultra-rapid DC EV charger ideal for high-traffic areas such as motorway service stations, commercial properties, and large retail locations.

With its powerful output of 60-240kW, it ensures fast charging for a variety of EVs. It supports dual Type-2 CCS or CHAdeMO connectors, enabling simultaneous vehicle charging. Its integrated 43" advertising screen offers additional revenue opportunities, making it an excellent choice for businesses looking to combine EV charging with digital advertising. The charger is robust, with IP55 and IK10 ratings, ensuring durability in outdoor environments.



HYDRA Apollo Max Rapid DC Charging

AC INPUT			
Input Rating	AC400V(±10%) 3ph		
AC input connection	3P+N+PE		
Rated input current	3ph95A	3ph138A	3ph185A
Frequency	50/60Hz		
Power Factor	≥0.99		
Efficiency	≥95%		
DC OUTPUT			
Output voltage range	200V-1000V		
Max output current	200A	300A	400A
Max output power	DC60kW	DC90kW	DC120kW
Voltage accuracy	≤±0.5%		
Current Accuracy	≤±1%		
USER INTERFACE AND CONTROL			
Display	43" Advertising screen, Not touch screen, for advertisements play 10.1" touch screen(Android system), LCD Screen		
Buttons	Operation buttons / Emergency buttons		
Authentication	RFID, OCPP, QR code, Password, Application		
COMMUNICATIONS			
External	Ethernet, WIFI, 4G		
Internal	CAN, RS485, RS232		
ENVIRONMENTAL			
Operating temperature	-30 ~ +50		
Humidity	<95% relative humidity, non-condensing		
Altitude	≤2000m(6000 feet)		
MECHANICAL			
Ingress protection	IP55		
Enclosure Protection	IK10		
Cooling	Forced Air		
Installation	Floor mounted		
PROTECTION			
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault		
REGULATION			
Certificate and Standard	CE. EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21-2:2021		



HYDRA Apollo Max Rapid DC Charging

ELECTRICAL PROPERTIES			
AC Input Rating	AC400V(±10%) 3ph		
AC Input Connection	3P+N+PE		
Rated input current	3ph 230A	3ph 275A	3ph 365A
Frequency	50/60Hz		
Power Factor	≥0.99		
Efficiency	≥95%		
DC OUTPUT			
Output voltage range	200V-1000V		
Max output current	500A	600A	800A
Max output power	DC150kW	DC180kW	DC240kW
Voltage accuracy	±0.5%		
Current Accuracy	±1%		
USER INTERFACE AND CONTROL			
Display	43" Advertising screen. Not touch screen, for advertisements play. 10.1" touch screen(Android system). LCD		
Buttons	Operation buttons / Emergency buttons		
Authentication	RFID,OCPP,QR code,Password,Application. English (Other languages available upon request)		
COMMUNICATIONS			
External	Ethernet,WIFI, 4G		
Internal	CAN,RS485,RS232		
ENVIRONMENTAL			
Operating temperature	30 ~ +50		
Humidity	<95% relative humidity, non-condensing		
Altitude	≤2000m(6000 feet)		
MECHANICAL			
Ingress protection	IP55		
Enclosure Protection	IK10		
Cooling	Air forced		
Installation	Floor mounted		
PROTECTION			
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault		
REGULATION			
Certificate and Standard	CE. EN IEC-61851-1:2019; EN61851-23:2014; EN 61851-24:2014; EN IEC 61851-21-2:2021		



HYDRA[®]
ELECTRIC VEHICLE CHARGERS

HYDRA Apollo Max Rapid DC Charging

ADVERTISING SCREEN SPECIFICATION	
DISPLAY SCREEN	
Screen size	43"
Display area	940.896(H) × 529.254(V) mm
Display scale	16: 9
Resolving power	1920 * 1080
Brightness	2000cd/
Contrast ratio	1200:1
Viewing angle	178(H)*178(V)
Support video formats	MP4,AVI,DIVXXVIDVOBDAT,MPGRM, RMVBMKB,MOV, HDMOVM4V, PMP, AVC, FLV5
Support image formats	JPEG, BMP, GIF , PNG
MOTHERBOARD	
Processor	RK3568
Memory	4G DDR3
Storage	32G EMMC/NAND
Interface	USB2.0*1 USB3.0*1, RJ45, HDMI, Audio, RS485 RS232, 4G,WIFI
OPERATION PARAMETERS	
Video interface	HDMI output
Audio interface	I/O inputs and outputs Optional
Operating temperature	30 ~ +50
Brightness control	Automatic photosensitivity
Working temperature	-30 to+70
Working humidity	20 %RH to 90 %RH
Source	85-305V AC
Power	≤110W

