



HYDRA GOLIATH

up to 202kW

Rapid DC charging

- Rapid DC Charge
- Public Charging Application
- Galvanised Steel Casing
- 3x5m Charging Guns
- Three Phase (530V)
- Base 82kW DC Charging Output
- Maximum 202kW DC Charging Output
- Ethernet/WiFi/4G Connectivity
- IP55 Weather Proof Rating
- Secured With OCPP cloud-Based Platform
- Nayax contactless payment module

The Hydra Goliath Rapid DC Charger has been designed to distribute load-balanced and rapid charging to three electric vehicles simultaneously.

Fitted with a 7" touch-screen display, RFID card reader to control and monitor access, and our Nayax contactless payment module it offers the widest possible opportunities from ring-fenced workplace charging or open, chargeable, public access charging to fully maximise faster return on investment.

Available in a base unit output of 82kW, the Goliath has a truly innovative next-generation, internal modular hardware design allowing the potential charge power can be increased in increments of 30kW up to a maximum 202kW using our technology.

The Goliath can be fully integrated with our unique Hydra Cloud online network management facility to offer a robust yet flexible and low maintenance EV charging solution for most commercial and public locations.



Also, as Hydra Cloud can manage and monitor the usage of any Hydra EV charger in real-time, including generating reports on peak and total usage, the owner of a Goliath EV charging installation can easily make use of the modular power functionality to future proof their investment by easily and quickly increasing or decreasing the power output to cater for specific local demand.

The Hydra Goliath Rapid DC Charger is fitted with the latest in air cooled charging gun technology, and can be equipped with triple CCS2/CHAdeMO/Type 2 connectors or a mix of all three.

For safety the Goliath 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, battery reverse connection, insulation detection, communication failure, etc. Additionally there is a fail-safe emergency stop button fitted to all Hydra EV chargers which can be manually operated in the event of a failure.



HYDRA GOLIATH Rapid DC Charging

Product Name	Hydra Goliath
Charging Sockets	Type 2 AC CCS2 CHAdeMO
Rated Output	82kW 142kW 202kW
Rated Maximum Current	157A to 463A (depending on configuration)
Input Frequency	50Hz(±10%)/ 60Hz(±10%)
Charging Capacity	3 vehicles
Charging Mode	Mode 3
Charging Outlets	Single/double/triple CCS, CHAdeMO, AC
Input/output Voltage	Three Phase:400VAC± 10%, 3P+N+PE
Fault Detection	PEN Fault Detection
DC output Voltage	CCS2:150~1000Vdc CHAdeMo:150~500Vdc
Dimensions	H x 1886mm W x 770mm D x 855mm
Weight	400kg-550kg
Unit Material	Sheet Metal
Cooling	Forced-air cooling
Mounting	Free Standing
Cable Routing	Bottom Inlet Wiring Up outlet Wiring
Terminal Size	16mm Terminals
Environmental Protection Rating	IP54 & IK10
Connectivity	3G/4G / Ethernet / WiFi
Encryption Type	OCPP 1.6JSON
Safety Features	Emergency Stop Button
User Authentication and Activation	RFID, Smartphone APP or optional Contactless Payment Terminal
User Interface	7" LCD touch-screen
Certificates & Compliance	EN 61851-1-2001; EN 61851-21-2001; EN61851-22-2001
Recommended Maintenance Period	1 year from date of install
Warranty	Standard 3 Year Warranty

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