

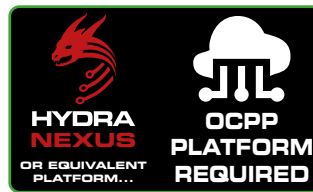


HYDRA GOLIATH

up to 262kW

Ultra-Rapid DC

- Ultra-Rapid DC Charge
- Public Charging Application
- 3x5m Charging Guns
- Three Phase (530V)
- 60kW to 262kW DC Charging Output
- Ethernet/WiFi/4G Connectivity
- IP55 Weather Proof Rating
- Secured With OCPP cloud-Based Platform
- Pensio contactless payment solution



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

Fitted with a 10" touch-screen display, RFID card reader to control and monitor access, and our Pensio contactless payment solution 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 output of 60kW up to a maximum 262kW per vehicle.

The Goliath can be fully integrated with our unique Hydra Nexus online network management facility to offer a robust yet flexible and low maintenance EV

charging solution for most commercial and public locations.

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

| AC INPUT | |
|----------------------------|--|
| Input Rating | AC380V (±15%) 3-phase |
| AC input connection | 3P+N+PE |
| Rated input current | 3Ø 100A, 3Ø 150A, 3Ø 200A, 3Ø 250A, 3Ø 300A, 3Ø 400A |
| Frequency | 50/60Hz |
| Power Factor | ≥0.99 |
| Efficiency | ≥95% |
| DC OUTPUT | |
| Output voltage range | 150V-1000V |
| Max output current | 200A, 300A, 400A, 500A, 600A, 800A |
| Max output power | DC82kW, DC112kW, DC142kW, DC172kW, DC202kW, DC262kW |
| Voltage accuracy | ≤±0.5% |
| Current Accuracy | ≤±1% |
| USER INTERFACE AND CONTROL | |
| Display | 10.1" LCD touchscreen |
| Buttons | Operation buttons and emergency stop |
| Authentication | RFID, OCPP, QR code, password, app |
| COMMUNICATIONS | |
| External | Ethernet, Wi-Fi, 3G/4G SIM |
| Internal | CAN, RS485, RS232 |
| ENVIRONMENTAL | |
| Operating temperature | -30°C - +50°C |
| Humidity | <95% relative humidity, non-condensing |
| Altitude | ≤2,000m (6,000ft) |
| 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 6185-21-2:2021 |