

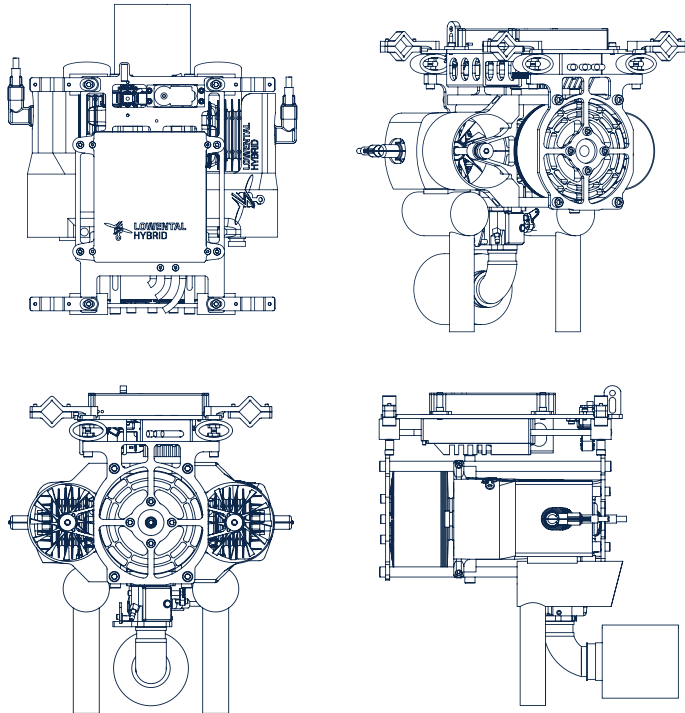
GH-04 Hybrid Range Extender for Drones

The GH-04 aerial generator is a twin-cylinder boxer power system built for multi-rotor drones up to 35 kg MTOW. With up to 4.0 kW of output and robust dual-cylinder reliability together with advanced EFI for optimized engine performance, it provides greater power and endurance for demanding missions, making it the ideal choice for operators who require longer flight times under heavier payloads. Integration with drones is straightforward and flexible, ensuring fast setup and adaptation across platforms.

With in-flight engine start/stop, the system enables silent electrical operation whenever needed, providing both endurance and stealth. It supports a wide range of telemetry protocols, including CAN bus, MAVLink, RS-485, Ethernet, and UART.

Key Capabilities:

- Significantly extend your mission duration!
- Up to 35kg MTOW capability
- In-flight engine start/stop
- Air cooled
- Innovative mounting and suspension system design
- Controlled Electronic Fuel Injection (EFI)



GH-04 Operational Specifications

Usage	Range extender for multi-rotor drones
Typical MTOW	20-35 kg 44-77 lb
Max Output Rating	4,000 W 5.36 HP
Nominal Output Rating	3,800 W 5.09 HP
Voltage	48-51 V
Engine Type	Air-cooled, 2-stroke Boxer twin cylinder configuration
Starting Method	Automatic built-in starter generator
Fuel Type	Pre Mixed Gasoline / Heavy fuel + 4% Two Stroke Oil
Fuel Delivery	EFI (Electronic Fuel Injection)
Average Nominal Specific Fuel Consumption Rate	Gasoline - 0.68 kg/kW·h Heavy Fuel - 0.71 kg/kW·h
Full System Weight	5.2 kg 11.46 lb
Operating Temperature	-20°C to +50°C -4°F to +122°F
Operating Altitude	0 - 3,040 m 0 - 10,000 ft
MTBO	250 hours