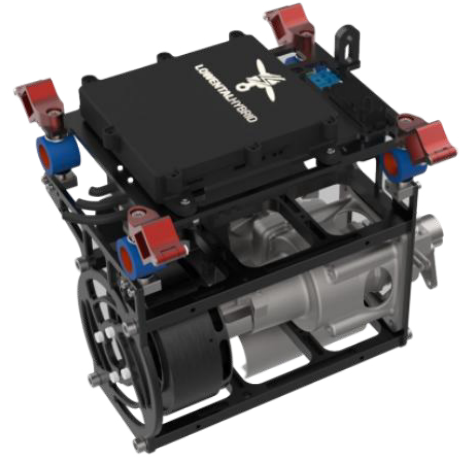


GH-02 Hybrid Range Extender for Drones

The **GH-02** aerial generator is a **lightweight, single-cylinder power system** designed to extend the endurance of multi-rotor drones up to 25 kg MTOW. Delivering up to 3.0 kW of output while weighing just 4.6 kg, it offers a perfect balance of **efficiency, compact design, and silent electrical operation** for missions where weight and integration simplicity matter most.

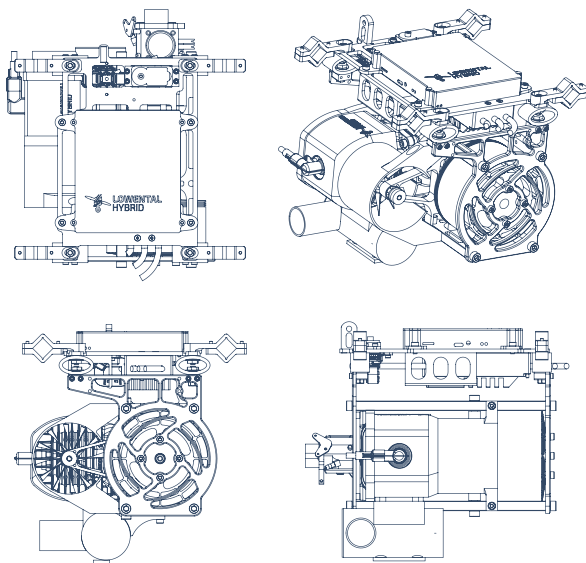
Integration with drones is straightforward and flexible, ensuring fast setup and adaptation across platforms.

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.



THE BEST CHOICE FOR YOUR DRONE

- Significantly extend your mission duration!
- Up to 25 kg MTOW capability
- In-flight engine start/stop
- Air cooled
- New mounting and suspension system design
- Controlled EFI - Optional



OPERATIONAL SPECIFICATIONS

Usage	Range extender for drones
Nominal output rating	2.5 kW / 3.4 HP
Max output rating	3.0 kW / 4.1 HP
Voltage	48-51 V
Weight	4.6 kg
Engine type	Air-cooled, 2-stroke, single cylinder engine
Starting method	Built-in starter generator
Fuel delivery	LH EFI
Fuel type	95 octane gasoline mixture with 2% two stroke synthetic oil
Fuel consumption	700 gr/kW~1.75 kg/h @ 2500 W
Spark plug	NGK CM-6
Operating environment	Atmospheric temperature: -20 ~ 50°C Altitude: 0 ~ 3,000m
Lifetime	Approx. 500 h (overhauling every 250 operation h)