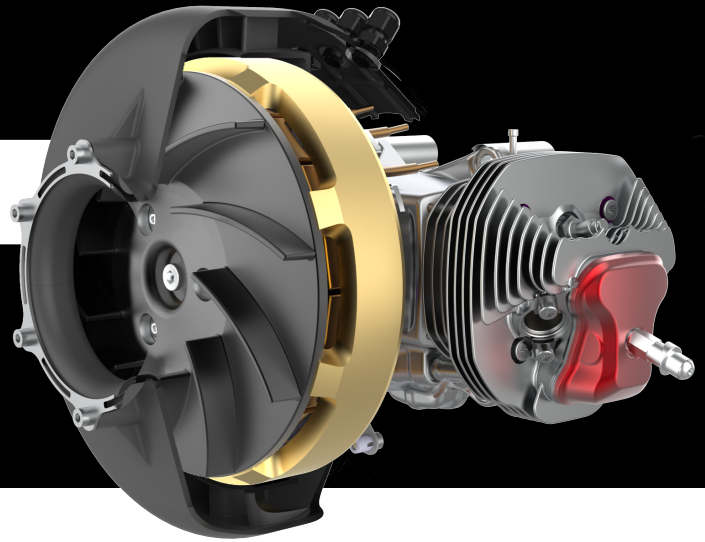


# EFT-Hybrid-1x

Revolutionary hybrid-electric powertrain for long endurance multicopter UAVs. It enables platforms of up to 75kg and above to achieve an endurance of more than 5 hours.



**Engine** | Highly efficient 4-stroke, 2-cylinder, boxer motor

**Alternator** | Custom Made Generator + Electric Starter

**Radiator** | Lightweight, low complexity cooling solution

**Continuous Electric Power** | 11.7 kW

**Weight** (incl. Batteries, excl fuel) | 19.5 kg

**Max Fuel Consumption** | 3.8 kg/h

**Power Electronics** | Engine Start, Highly efficient Electricity-Conversion

**Battery** | Reliable battery for engine-start, buffering and emergency descent

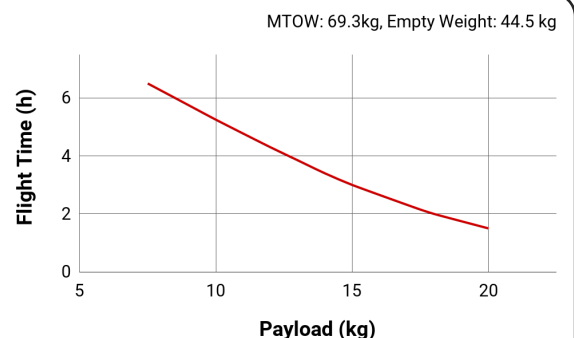
**Fully Redundant** | Emergency Landing possible after engine failure

**Smart** | Advanced operating strategy, data logging and alert processing

## Breakthrough Flight Time + Payload

Fly your multicopter UAV for longer and with higher payloads and unlock completely new use cases for your end customer.

The below diagram shows payload and flight time that can be achieved for an example UAV:



Flight Time / Payload

5 h @ 10 kg

3 h @ 10 kg

1.5 h @ 20 kg