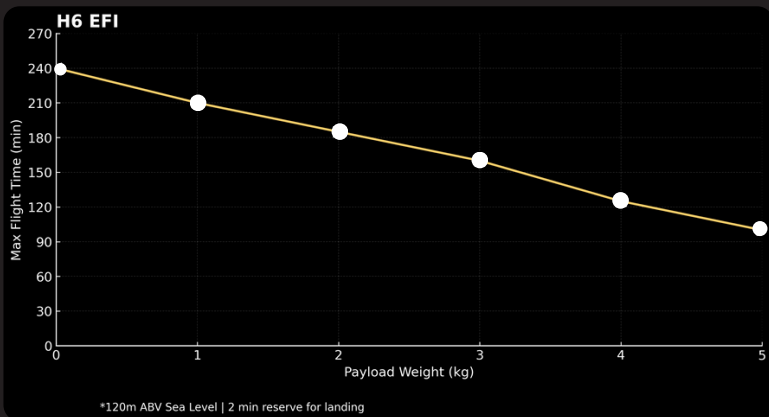




A HARRIS AERIAL

H6 EFI

5 kg Max Payload • 4 Hr Flight Time • 2.4 KW EFI Generator
2000 Meter Service Ceiling* • Universal Payload Connector



The Carrier H6 Hybrid EFI (Electronic Fuel Injection) is a multi-hour, high-endurance hexacopter powered by a 2-stroke gasoline generator. The H6 EFI platform offers payload versatility for a wide variety of long duration mission profiles. This system comes ready to plug-and-play to any of the three compatible power formats provided by Harris Aerial.

The Carrier H6 Hybrid's airframe is fully convertible to hydrogen-electric (Carrier H6 Hydrone), or fully electric (Carrier H6 Electric). The H6 is the longest duration multi-rotor boasting a 6.5L fuel tank. This aircraft was used to complete the world's largest survey performed by a drone



GCS OPTIONS



- Handheld
- 8" HD Display
- Touchscreen
- Real-Time Video
- Low Latency
- NDA Compliant

- 12 Channel Functionality
- Sunlight Viewable Display
- 2-AXIS Payload & Gimbal Controls
- 6-POS/3-POS/2-POS/Guarded
- Button/Rotary
- NDA Compliant

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A HARRIS AERIAL

H6 EFI

GENERAL

Maximum Takeoff Weight	55 lbs 25 kg	Flight Modes	GPS LOITER ALTITUDE HOLD FULLY AUTONOMOUS
Empty Weight	32 lbs 14.5 kg	Radio Frequencies	2.4 GHz (ISM) 902-928 MHz
Max Payload	11 lbs 5 kg	System Architecture	Open Source
Flight Time	300 min.(No Payload)	GPS	Dual RTK GNSS
Max Speed	33.6 mphver 15 m/s	Payload Mounting	Dampened Modular Quik-Release
Max Vertical Speed	5.6 mph 2.5 m/s	Weather Rating	(IP43)
Max Lean Angle	30 degrees	Flight Safety Systems	Radio, Battery, and Fuel Failsafes Backup Battery Redundancy (5min) Triple Redundant IMU
Dimension (Unfolded)	Prop Tip to Tip: 2373 mm / 93.4" Height: 793 mm / 31.2"	Dimensions Transport Case	903mmx903mmx808 mm (35.5"x35.5"x31.8")

BATTERY

Battery Type	6s2p LiPo (2x Batteries)	Battery Capacity	5000 mAh
Peak Battery Voltage	50.4 V	Battery Life Cycle	250 Flights
Nominal Battery Voltage	44.4 V	Battery Connector	XT90-S (Anti-Spark)
Auxiliary Power	5.3 V, 12/14 V, 24/28 V, 48 Vbat Power Ports	Safety Features	Triple Redundant IMU Redundant Power Supply

OPERATIONAL & ENVIRONMENTAL

Operation Table	-5°C to 40°C 23°F to 104°F	Service Ceiling AMSL	6,562 ft 2000m (Payload Dependant)
Max Operational Wind Speed	30 mph 13 m/s	Service Ceiling AGL	400 ft 122 m (FAA Limited)

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