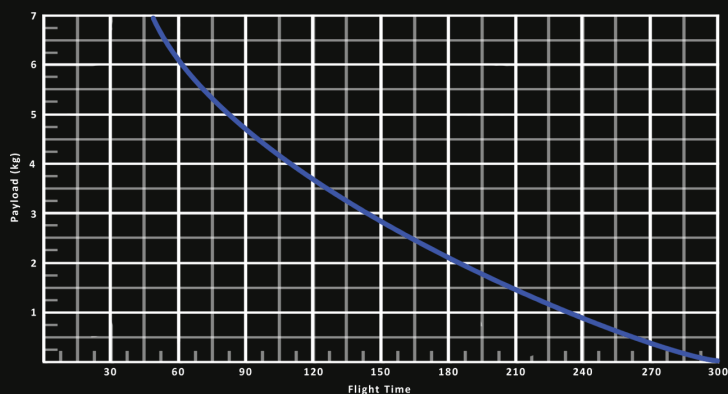




A HARRIS AERIAL

H6 EFI

5 kg Max Payload • 4 Hr Flight Time • 2.4 KW EFI Generator
 2000 Meter Service Ceiling • 5.3, 12, 24, & 48 Volt Accessory Power



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 only aircraft in the world that has three power formats, all of which take just minutes in conversion times.



GCS
 OPTIONS

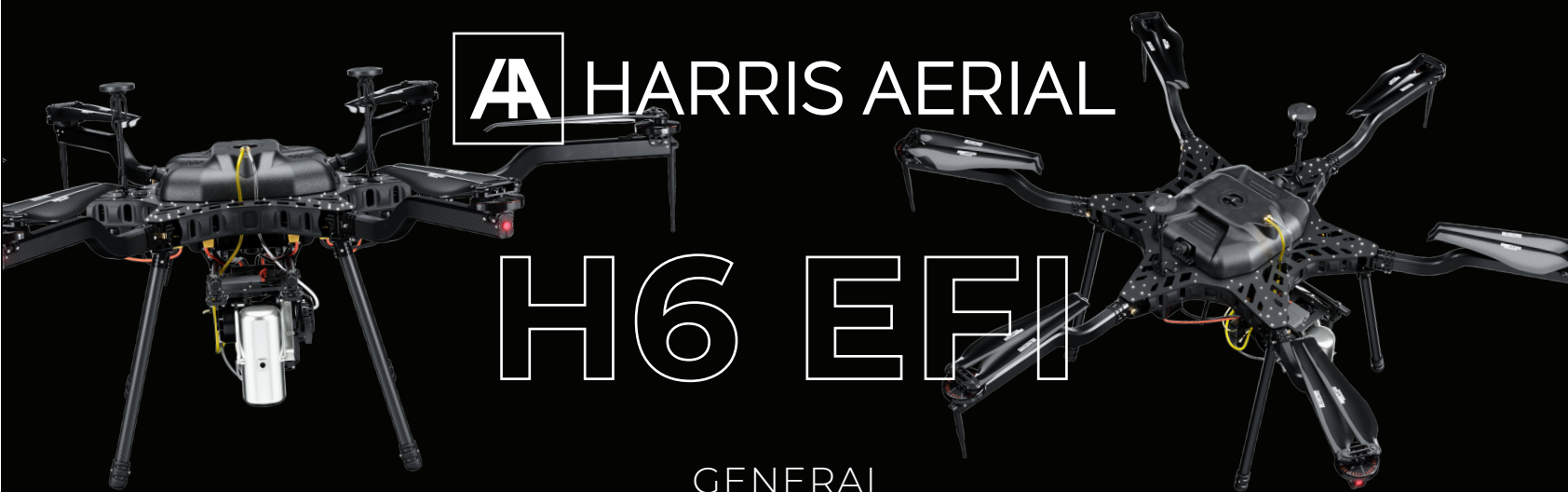


- Handheld
- Touchscreen
- HD Real-Time Video
- Low Latency
- NDA Compliant

- 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 Connectivity Monitoring, Backup Battery Redundancy (5min) Backup Battery Voltage & Amperage Monitoring
Dimension (Unfolded)	Prop Tip to Tip: 2363 mm / 93" Height (Customizable): 617 mm / 24.3"	Dimensions Transport Case	Length: 912 mm / 36" Width: 912 mm / 36" Height: 492 mm / 19.4"

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	12 V, 24 V, 48 V 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	12,000 ft 3658 m (Payload Dependant)
Max Operational Wind Speed	25 mph 11 m/s	Service Ceiling AGL	400 ft 122 m (FAA Limited)

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