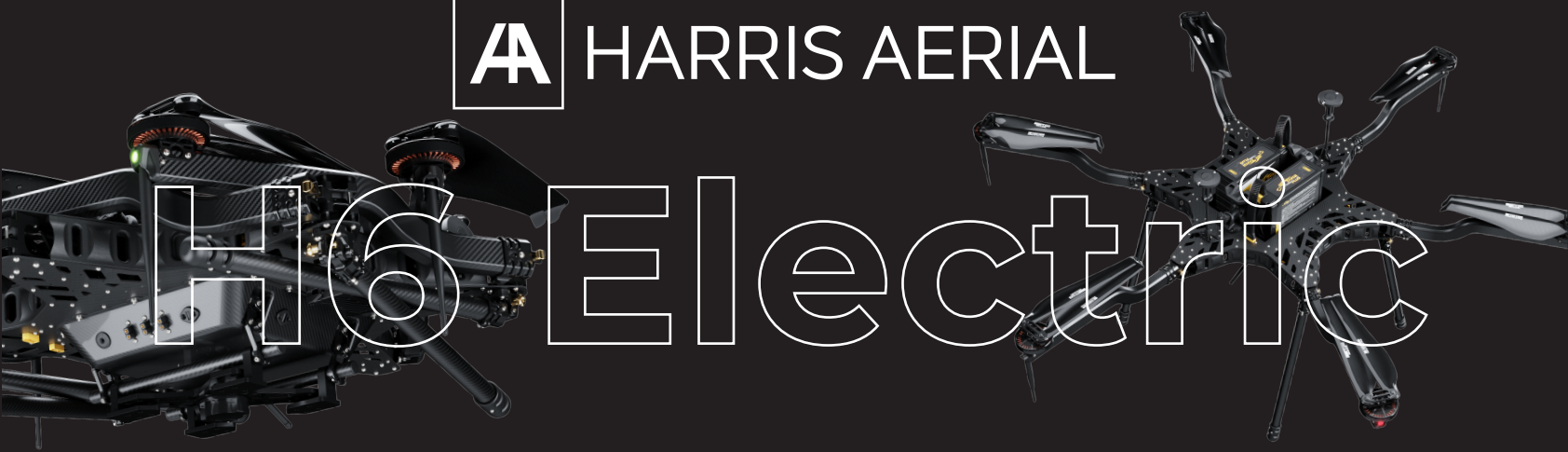
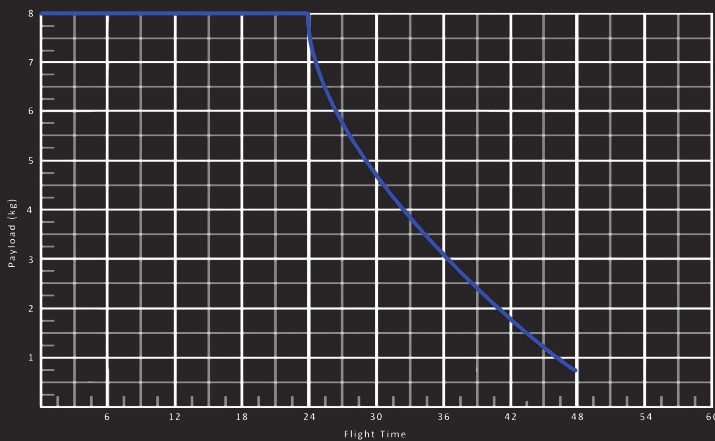


A HARRIS AERIAL



8 kg Max Payload • 48 Minute Flight Time • 48,000 mAh Capacity
3600 Meter Service Ceiling • Vibration-Dampened Mounting Plate



The Carrier H6 Electric is a long-duration, heavy-lift hexacopter powered by smart lithium polymer batteries. The H6 Electric platform offers payload versatility for a wide variety of mission profiles and durations. The H6 platform comes ready to plug-and-play to any of the three compatible power formats provided by Harris Aerial in just minutes.

The H6 electric is equipped with Harris Aerial's patent-pending battery rack system containing two smart 12S1P 16,000 mAh Lithium Polymer batteries providing flight times up to 48 minutes.



GCS
OPTIONS

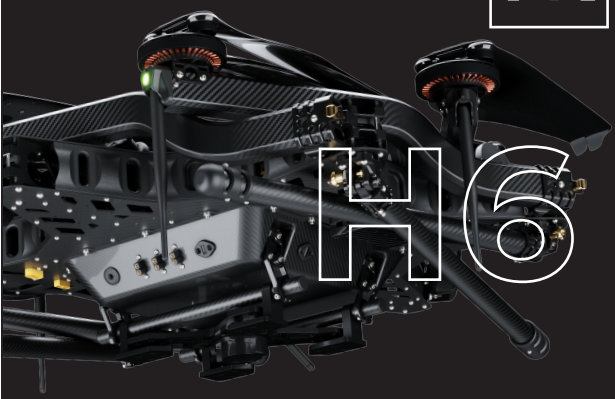


- Handheld
- Touchscreen
- HD Real-Time Video
- Low Latency
- NDA Compliant

- 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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H6 Electric

GENERAL

Maximum Takeoff Weight	55 lbs 25 kg	Flight Modes	GPS LOITER ALTITUDE HOLD FULLY AUTONOMOUS
Empty Weight	21.5 lbs 9.8 kg	Radio Frequencies	2.4 GHz (ISM) 902-928 MHz
Max Payload	17.6 lbs 8 kg	System Architecture	Open Source
Flight Time	48 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, 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	1251P Smart Lipo *2x Batteries)	Battery Capacity	16.000 mAh
Peak Battery Voltage	50.4 V	Battery Life Cycle	250 Flights
Nominal Battery Voltage	44.4 V	Battery Connector	AS150U-F(Anti-Spark)
Auxiliary Power	5.3 V, 12 V, 24 V, 48 V Power Ports	Safety Features	Battery Voltage & Amperage Monitoring

OPERATIONAL & ENVIRONMENTAL

Operation Table	-20°C to 49°C -4°F to 120°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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