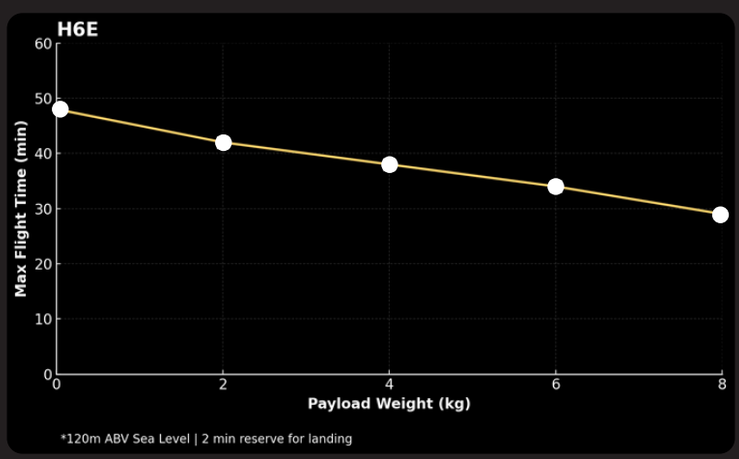
HARRIS AERIAL

H6 Electric

8 kg Max Payload • 48 Minute Flight Time • Foldable Design
3600 Meter Service Ceiling • Universal Payload Connector



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 comes ready to plug-and-play to any of the three compatible power formats (batteries, H2400 EFI Generator, or Hyrdrogen FCPM) provided by Harris Aerial in just minutes.

The H6 electric is a field-proven system with many years of service across various industrial, commercial, and military applications.

GCS OPTIONS

C-NAVIGATOR

Handheld
8” HD DIsplay
Touchscreen
Real-Time Video
Low Latency
NDAA Compliant

C-GCS

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

HARRISAERIAL .COM
INFO@HARRISAERIAL.COM | (407) 725-7886

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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 GPS	Open Source
Flight Time	48 min. (No Payload)		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 and Battery Failsafes Triple Redundant IMU Parallel Battery Power
Dimensions (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	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, 12/14 V, 24/28 V, 48 Vbat 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	30 mph | 13 m/s	Service Ceiling AGL	400 ft | 122 m (FAA Limited)

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