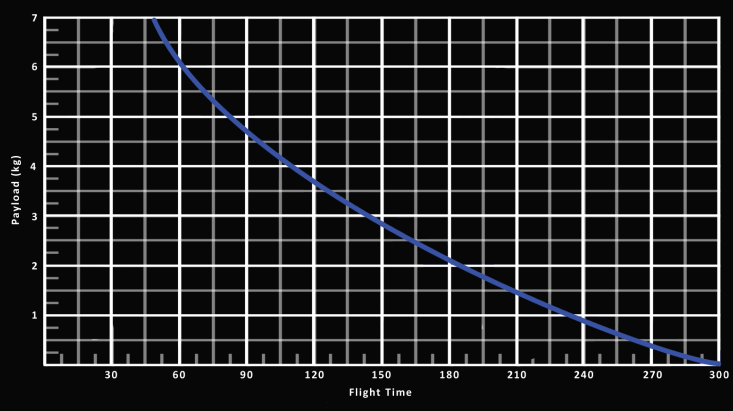




A HARRIS AERIAL

H6 Hydroner

5 kg Max Payload • 3 Hr Flight Time • 2400W Hydrogen Generator
 3500 Meter Service Ceiling • 5.3, 12, 24, & 48 Volt Accessory Power



The Carrier H6 Hydroner is our all-new hybrid electric drone powered by our hydrogen fuel cell.

The Carrier H6 Hydroner is equipped with Intelligent Energy's 2.4kw FCPM (fuel cell power module). The recommended payload is 3kg allowing for up to 2.5hrs of flight. The max payload is 5kg allowing up to 1.5hrs of flight.

The Carrier H6 Hydroner can be configured to carry scientific grade sensors, such as multispectral cameras, professional DSLRs for cinematography, and LiDAR. The H6 Hydroner provides hybrid flight times while maintaining the nearly silent operation of an electric platform.



C-NAVIGATOR

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

GCS OPTIONS



C-GCS

- 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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AA HARRIS AERIAL

H6 Hydrones

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	180 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: 2363.4 mm / 93" Height (Customizable): 735mm/ 29"	Dimensions Transport Case	Length 930mm/ 35.6" Width: 903mm / 35.6" Height: 775mm/ 30.6"

BATTERY

Battery Type	6s2p LiPo (2x Batteries)	Battery Capacity	4,750 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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