

CARRIER

H6 HYBRID EFI

Multi-hour, high-endurance flight powered by an advanced 2-stroke EFI generator — built for long-duration operations.

5 KG

MAX PAYLOAD

240 MIN

MAX FLIGHT TIME

2.4 KW

EFI GENERATOR

6.5 L

FUEL CAPACITY

UNIVERSAL

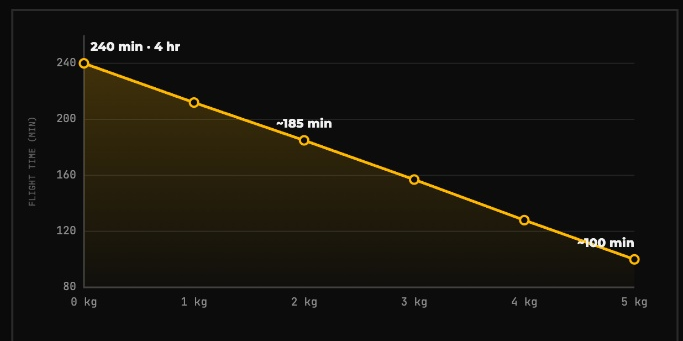
PAYLOAD CONNECTOR

CARRIER H6 HYBRID EFI.

The Carrier H6 Hybrid EFI offers unparalleled payload versatility for long-duration mission profiles. Built around a highly efficient electronic fuel injection system, it eliminates range anxiety and minimizes downtime.

This system arrives ready to plug-and-play, maintaining the H6 family's hallmark ability to convert to all-electric or hydrogen-electric power formats in minutes — one airframe, three power systems.

PERFORMANCE FLIGHT TIME VS. PAYLOAD



TESTED AT 120 M AGL · 2-MIN LANDING RESERVE · VARIES WITH ALTITUDE, TEMP, WIND & FUEL LOAD

02 - CONFIGURATION HIGHLIGHTS

<p>01</p> <p>5 kg MAX PAYLOAD</p>	<p>02</p> <p>240 min MAX FLIGHT TIME</p>	<p>03</p> <p>2.4 kW EFI GENERATOR</p>	<p>04</p> <p>6.5 L FUEL CAPACITY</p>	<p>05</p> <p>Universal PAYLOAD CONNECTOR</p>
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03 - GROUND CONTROL

GROUND CONTROL OPTIONS.

OPTION A · HANDHELD - COMMERCIAL & MILITARY

OPTION B · CONSOLE



C-NAVIGATOR

COMMERCIAL

RUGGED HANDHELD GCS

- 8" HD Touchscreen
- Real-Time Video · Low Latency
- MAVLink Native
- NDAA Compliant

C-SROC

MILITARY / DEFENSE

SOLDIER ROBOTIC CONTROLLER

- 7" WXGA Glove-Touch
- MIL-STD-810-H · IP65
- Nett Warrior · AES-256 / STIG
- NDAA Section 848

C-GCS

CONSOLE

PROFESSIONAL MISSION COMMAND

- 12-Channel Functionality
- Sunlight-Viewable Display
- 2-Axis Payload & Gimbal
- NDAA Compliant

■ ALL STATIONS · MAVLINK NATIVE · NDAA SECTION 848

04 - SPECIFICATIONS

TECHNICAL SPECIFICATIONS.

A GENERATOR & POWERPLANT

ENGINE MODEL	H2400 EFI Generator	FUEL-FLOW SENSOR	Real-Time, High-Accuracy
CONTINUOUS POWER	2.4 kW	BACKUP BATTERY	6S2P LiPo (2x 5,000 mAh)
FUEL TYPE	Unleaded 93 Octane	BACKUP ENDURANCE	5 min redundancy
FUEL TANK CAPACITY	6.5 L	ORIGIN	Made in USA
FUEL INJECTION	Electronic (EFI)		

B AIRFRAME & PERFORMANCE

FRAME TYPE	Hexacopter (Foldable)	MAX TAKEOFF WEIGHT	25 kg · 55 lbs
MAX HORIZONTAL SPEED	15 m/s · 33.6 mph	EMPTY WEIGHT (NO FUEL)	14.5 kg · 32 lbs
MAX VERTICAL SPEED	2.5 m/s · 5.6 mph	DIMENSIONS (UNFOLDED)	Prop tip 2,373 mm · H 793 mm
SERVICE CEILING	2,000 m · 6,562 ft AMSL	TRANSPORT CASE	903 x 903 x 808 mm
MAX FLIGHT TIME	240 min (no payload)	IP RATING	IP43
PROPELLERS	Carbon Fiber w/ Aluminum Hub	OPERATING TEMP	-5 °C to 42 °C

C COMMAND, CONTROL & SAFETY

FLIGHT CONTROLLER	Cube Orange (Custom ArduPilot)	GROUND CONTROL	Harris C-GCS / HereLink
RADIO FREQUENCIES	2.4 GHz ISM · 902-928 MHz	FUEL TELEMETRY	Real-Time Fuel & Flow
IMU REDUNDANCY	Triple Redundant IMU	ENGINE TELEMETRY	Real-Time Temp & RPM
FAILSAFES	Radio, Battery & Fuel	COMPLIANCE	NDA compliant
GENERATOR TELEMETRY	Stop / Idle / Run States		

D PAYLOAD INTERFACE

MOUNT TYPE	Universal Quick-Release	AUX POWER OUT	5.3 V · 12 V · 24 V · 48 V
MOUNT COMPATIBILITY	Universal Payload Connector (19-Pin)	DATA INTERFACE	UART / Ethernet / CAN / GPIO / USB
MAX PAYLOAD	5 kg · 11 lbs	COMPATIBLE PAYLOADS	Professional Equipment Library
POWER SOURCE	Continuous Generator Bus		



HARRIS AERIAL

CARRIER H6 HYBRID EFI

H6 EFI · PRODUCT BROCHURE

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H6 HYBRID EFI.

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