

CARRIER

H6 HYBRID EFI

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



BLUE
U A S



5 KG
11 LBS

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 extended flight mission profiles. Utilizing advanced generator technology built around a highly efficient electronic fuel injection system, the H6 EFI eliminates flight time constraints 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

CONFIGURATION HIGHLIGHTS

5 kg MAX PAYLOAD	240 min MAX FLIGHT TIME	2.4 kW EFI GENERATOR	6.5 L FUEL CAPACITY	Universal PAYLOAD CONNECTOR
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GROUND CONTROL

GROUND CONTROL OPTIONS.

OPTION A • HANDHELD — COMMERCIAL & MILITARY

OPTION B • CONSOLE



C-NAVIGATOR

COMMERCIAL

RUGGED HANDHELD GCS

- 8" Samsung TAB 5
- IP65
- AES-256 / STIG
- NDAA Compliant

C-SROC

MILITARY / DEFENSE

SOLDIER ROBOTIC CONTROLLER

- 8" Samsung TAB 5 Tactical Edition
- 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

SPECIFICATIONS
TECHNICAL SPECIFICATIONS.
A GENERATOR & POWERPLANT

ENGINE MODEL	H2400 EFI (Electronic Fuel Injection) Generator	BATTERY SERVICE LIFE	250 Flight Cycles
CONTINUOUS POWER	2.4 kW	BACKUP BATTERY	6S1P LiPo (2x 4,750 mAh)
FUEL TYPE / CAPACITY	Unleaded 93 Octane • 6.5 L Tank	BACKUP ENDURANCE	5 min Reserve Flight Time
FUEL / ENGINE TELEMETRY	Real-Time Fuel & Flow / Temp & RPM	LOW BATTERY BEHAVIOR	Auto-Return to Home
GENERATOR TELEMETRY	Stop / Idle / Run States		

B AIRFRAME & PERFORMANCE

FRAME TYPE	Hexacopter	PROPELLERS	Carbon Fiber w/ Alum Hub (29.2" x 9.2")
MAX HORIZONTAL SPEED	15 m/s • 33.6 mph	MAX TAKEOFF WEIGHT	25 kg • 55 lbs
MAX VERTICAL SPEED	2.5 m/s • 5.6 mph	EMPTY WEIGHT (NO FUEL)	16.3 kg • 36 lbs
MAX LEAN ANGLE	30°	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
MOTORS	6x KV100 equivalent	OPERATING TEMP	-20 °C to 49 °C

C COMMAND, CONTROL & SAFETY

FLIGHT CONTROLLER	Cube Orange+ (Custom ArduPilot)	GROUND CONTROL	C-GCS / C-NAV / C-SRoC / HereLink
RADIO FREQUENCIES	2.4 GHz ISM • 902-928 MHz	FAILSAFE	Auto RTH / Radio / Battery / Fuel
FLIGHT TRACKING	ADS-B Receiver	TELEMETRY	Real-Time Voltage & Current
IMU REDUNDANCY	Triple Redundant IMU	COMPLIANCE	NDAA Compliant

D PAYLOAD INTERFACE

MOUNT TYPE	Dampened Modular Quick-Release	PAYLOAD POWER OUT	5 V • 12 V • 24 V • 48 V Regulated
MOUNT COMPATIBILITY	Universal Payload Connector	DATA INTERFACE	UART / Ethernet / CAN / GPIO / USB
MAX PAYLOAD	5 kg • 11 lbs	COMPATIBLE PAYLOADS	LiDAR • Photogrammetry • Thermal/E0-IR • Multispectral • Custom



HARRIS AERIAL

CARRIER H6 HYBRID EFI

H6 EFI • PRODUCT BROCHURE

H6 HYBRID EFI.

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