

Battery Powered Gryphon

Flight Time:

TOW 25kg (4x SC30 batteries) TOW 30kg (2x SC30 batteries)

TOW 17kg (4x SC22 batteries) TOW 25kg (4x SC22 batteries)

Standard Hovering Accuracy (GPS)

RTK & NTRIP option Hovering Accuracy (GPS)

Maximum recommend flight speed Maximum operating altitude ASL

Ground Controller

Operating Frequency Dimensions (l x w x d) Endurance Maximum brightness Transmission Distance Ports Weight

Weight

Aircraft Maximum Take-off Weight (MTOW) Aircraft Weight (without batteries) Aircraft Weight (with 4 x SC22 batteries) Maximum Recommended Payload Thrust-to-weight Ratio (at 16kg max payload) 30 kg

16 kg

Dimensions

Width (not including arms) Height Max Width (propeller tip to tip) Arms length Arms width

Length (not including arms)

W: skycutteruas.co.uk E: info@skycutteruas.co.uk 6kg payload: 60min 16kg payload: 20 mins

No payload: 90 mins 8kg payload: 45 mins

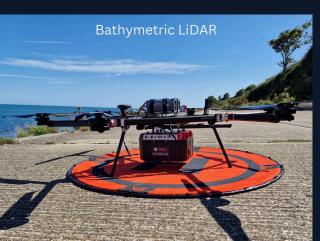
Vertical: ±0.5 m, Horizontal: ±1.5 m Vertical: ±0.05 m, Horizontal: ±0.05 m 15 m/s (33 mph) 2500 m

2.400-2.483 Ghz 272 x 183 x 94 mm 6-20 hours 1800 nits Up to 30 km 1 x HDMI, 1 x MIDI, 1 x RJ45 1100 grams

9.1 kg 17.1 kg 1.9:1

800 mm 900 mm 425 - 1200 mm 2400mm 450 mm

1000 mm













Hydrogen Fuel Cell Powered Gryphon

Flight time

22kg take-off weight 2kg payload: 180 mins 25kg take-off weight) 5kg payload: 120 mins

Weight

Aircraft Maximum Take-off Weight (MTOW) 25 kg
Aircraft Weight (with fuel cell & 10.8L cylinder) 18 kg
Hybrid battery weight 1-3kg
Maximum Recommended Payload 6kg

On board Features

Payload power supplies: 2x 5v (25W), 2x12 (60W) 2x 48V CAN and UART sockets for payloads comms Custom pilot user interface including: Dual camera feed (FPV and Payload) Hydrogen fuel cell telemetry integration

Optional extras

Parachute system, RTK, LTE comms, water resistance (IP23), Nav lights & strobe Beacons ADSB out transponder, radar altimeter, detect and avoid system Payload integration service

Hydrogen refuelling kit, 9-20L light weight hydrogen tank options, hydrogen transportation case

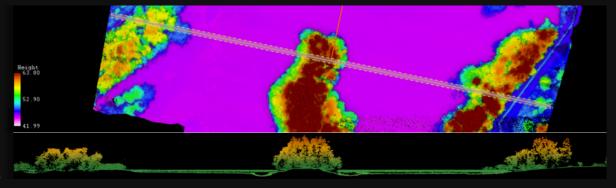
YellowScan Navigator settings

Above Ground Level: 65m Flight Speed: 5m/s Overlap 50% 40,000 points per second. Average 213 points per m2









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