

Battery Powered Gryphon

Flight Time (with two SC30 batteries)

No payload: 85 mins 16kg payload: 20 mins

Flight Time (with four SC22 batteries)

No payload: 90 mins 5kg payload: 65 minutes 8kg payload: 45 mins

Standard Hovering Accuracy (GPS)

Vertical: ±0.5 m,

RTK option Hovering Accuracy (GPS)

Horizontal: ±1.5 m Vertical: ±0.05 m, Horizontal: ±0.05 m

15 m/s (33 mph) 2500 m

Maximum recommend flight speed Maximum operating altitude above sea level

Ground Controller

Operating Frequency Dimensions (l x w x d)

Endurance

Maximum brightness Transmission Distance

Ports Weight 2.400-2.483 Ghz 272 x 183 x 94 mm

6-20 hours 1800 nits

Up to 30 km

 $1 \times HDMI$, $1 \times MIDI$, $1 \times RJ45$

1100 grams

Weight

Aircraft Maximum Takeoff Weight (MTOW) 30 kg
Aircraft Weight (without batteries) 9.1 kg
Aircraft Weight (with 4 x SC22 batteries) 17.1 kg
Maximum Recommended Payload 16 kg
Thrust-to-weight Ratio (at 16kg max payload) 1.9:1

Dimensions

Length (not including arms) Width (not including arms)

Height
Arms length
Arms width
Arms height

800 mm 900 mm 425 - 1200 mm 450 mm 1000 mm 200 mm







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Hydrogen Fuel Cell Powered Gryphon

Flight time 2kg payload: 180 mins (at 25kg take-off weight) 5kg payload: 120 mins

Standard Hovering Accuracy (GPS)

RTK option Hovering Accuracy (GPS)

Maximum Recommended flight speed Maximum operating altitude above sea level

Vertical: ±0.5 m, Horizontal: ±1.5 m

Vertical: ±0.05 m, Horizontal: ±0.05 m

15 m/s (33 mph)

2500 m

Ground Controller

2.400-2.483 Ghz **Operating Frequency** Dimensions (l x w x d) 272 x 183 x 94 mm Endurance 6-20 hours 1800 nits Maximum brightness Transmission Distance Up to 30 km Ports 1 x HDMI, 1 x MIDI, 1 x RJ45

1100 grams

Weight

Weight

Aircraft Maximum Take-off Weight (MTOW) 25 kg Aircraft Weight (without batteries) 9.1 kg Aircraft Weight (with fuel cell & 10.8L cylinder) 18 kg Maximum Recommended Payload 6kg Thrust-to-weight Ratio (at 6kg max payload) 1.9:1

Dimensions

Length (not including arms) 800 mm Width (not including arms) 900 mm 425 - 1200 mm Height Arms length 450 mm 1000 mm Arms width Arms height 200 mm



