



## 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:  $\pm 0.5$  m,  
Horizontal:  $\pm 1.5$  m

RTK option Hovering Accuracy (GPS)

Vertical:  $\pm 0.05$  m,  
Horizontal:  $\pm 0.05$  m

Maximum recommend flight speed

15 m/s (33 mph)

Maximum operating altitude above sea level

2500 m

### Ground Controller

Operating Frequency

2.400-2.483 Ghz

Dimensions (l x w x d)

272 x 183 x 94 mm

Endurance

6-20 hours

Maximum brightness

1800 nits

Transmission Distance

Up to 30 km

Ports

1 x HDMI, 1 x MIDI, 1 x RJ45

Weight

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)

800 mm

Width (not including arms)

900 mm

Height

425 - 1200 mm

Arms length

450 mm

Arms width

1000 mm

Arms height

200 mm





## Hydrogen Fuel Cell Powered Gryphon

Flight time  
(at 25kg take-off weight)

**2kg payload: 180 mins**  
**5kg payload: 120 mins**

Standard Hovering Accuracy (GPS)

Vertical:  $\pm 0.5$  m,  
Horizontal:  $\pm 1.5$  m

RTK option Hovering Accuracy (GPS)

Vertical:  $\pm 0.05$  m,  
Horizontal:  $\pm 0.05$  m

Maximum Recommended flight speed

15 m/s (33 mph)

Maximum operating altitude above sea level

2500 m

### Portable Ground Control Station

Operating Frequency

2.400-2.483 Ghz

Dimensions (l x w x d)

272 x 183 x 94 mm

Endurance

6-20 hours

Maximum brightness

1800 nits

Transmission Distance

Up to 30 km (unlimited with LTE)

Ports

1 x HDMI, 1 x MIDI, 1 x RJ45

Weight

1100 grams

### 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

Height

425 - 1200 mm

Arms length

450 mm

Arms width

1000 mm

Arms height

200 mm



W: [skycutteruas.co.uk](http://skycutteruas.co.uk)

E: [info@skycutteruas.co.uk](mailto:info@skycutteruas.co.uk)

