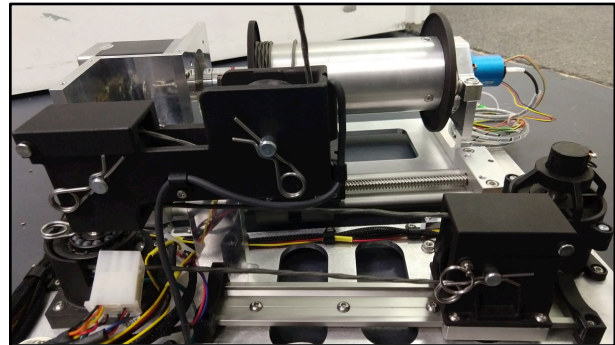## Blue Vigil OEM Kit

The OEM version of Blue Vigil's power tether solution allows manufacturers and integrators to package our core tether management and power delivery technology into a custom drone/tether platform that can be vehicle (ground/sea) mounted, man-portable or both.

The OEM kit consists of 4 core modules that are independently packaged, allowing for flexibility in enclosure design, and the ability to accommodate a weather rating up to IP55:

- Tether (wet side)

- Power module (dry side)

- Motor unit

- Air module (aircraft power conversion)

Features:

Tether Base	Air Modules (Based upon aircraft requirements)
110 V or 220 V AC Input via shore, generator or invertor power	12 V, 24 V or 48 V options
Peak power output: 2500 W	Supports 4S, 6S and 12S batteries
Sustained power output: 2000 W @ 220 V AC input	In-line power switch adverts battery drain
JSON interface to tether control module	Weight: 200g to 300g based on voltage option
Min Enclosure Dimensions: 52.4 x 42.8 x 20.6 cm (approx.)	Min. Dimensions: 13 cm x 5 cm x 4 cm
Weight: 16 kg (not including enclosure)	IP 55 rated
Accommodates IP55 rating	Option for custom, aircraft integrated design

Supports multiple modes:
     Power only up to 300'
     Data (ethernet) over tether up to 300'
     Optical tether up to 250'	

Blue Vigil OEM Kits

Blue Vigil OEM kits are designed to allow OEMs and integrators to embed our power tether technology into their advanced system/platform.

- OEM kits are delivered without enclosures

- Minimum order quantity of 5 units

- No power supply or connections are included in kit

- Standard air module (12 V, 24 V or 48 V). Custom air module design is optional

- A special order product has a typical 60-day lead time

- Engineering support available on a project basis

Blue Vigil can provide complete OEM evaluation units that contain the same components as included in the OEM kit, but are packaged into a fully operational system to aid in product evaluation and development efforts.

- Packaged in 2 pelican cases (wet side/dry side)

- Power supply and necessary connections for working system are included

- Standard air module (12 V, 24 V or 48 V)

- Standard power tether of 300'; optional tether configurations are available for Optical and Ethernet

- Blue Vigil includes 8 hours of engineering support with purchase of the OEM kit

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