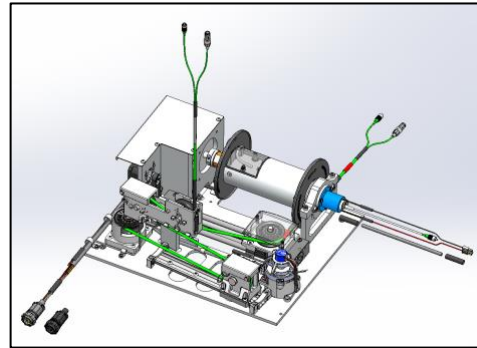


## Blue Vigil OEM Solution

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-mounted (ground/sea), 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

- 110 V or 220 V AC Input via shore, generator, or inverter power
- Peak power output: 2500 W
- Sustained power output: 2000 W @ 220 V AC input
- JSON interface to tether control module
- Min Enclosure Dimensions: 52.4 x 42.8 x 20.6 cm (approx.)
- Weight: 16 kg (not including enclosure)
- Accommodates IP55 rating
- Supports multiple modes:
  - Power only up to 300'
  - Data (ethernet) over tether up to 300'
  - Optical tether up to 250'

### Air Modules (Based upon aircraft requirements)

- 12 V, 24 V or 48 V options
- Supports 4S, 6S and 12S batteries
- In-line power switch adverts battery drain
- Weight: 200g to 300g based on voltage option
- Min. Dimensions: 13 cm x 5 cm x 4 cm
- IP55 rated
- Option for custom, aircraft integrated design

## 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 OEM Evaluation Units

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 unit

## OEM Commercial Version

Blue Vigil offers a field-ready system featuring all components of the OEM kit Packaged in an IP 55 rated tower case:

- Commercial air modules for: DJI M300, DJI M200/210, Ascent Aerosystems Spirit 1
- Communications options: Ethernet-over-tether (up to 300') or Optical (up to 250')
- Requires 2 month lead time

## For more information, contact:

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