



Unlimited UAV Power RS1000X



- ✓ **USE WITH DRONES ALREADY IN YOUR FLEET**
- ✓ **INSTALL AND UNINSTALL IN SECONDS**
- ✓ **LAUNCH IT AND LEAVE IT**
- ✓ **UNLIMITED HOVER**



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Blue Vigil manufactures affordable tether power systems designed for off-the-shelf drones.

The ground-based tether allows unlimited flight time when connected to a power source (generator, household current, or battery).

The Blue Vigil system includes the RS1000X ground base tether unit and Battery Replacement Module (BRM).



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Product Description

The Blue Vigil power system can support up to 1500 W of sustained power with off-the-shelf output voltages of 12 V and 24 V. The system accepts 110 V-240 V AC input. The power tether runs at 380 V DC and uses Blue Vigil's battery replacement module (BRM) which is mounted on the multi-rotor to convert this voltage to 12-24 V DC. Other output voltages and power needs can be quoted on request.

The Blue Vigil RS1000X operates with these DJI drones: S900, S1000, Inspire 1, Inspire 2, Matrice 200/210, Matrice 300 or any drone that operates on a 12 V or 24 V battery.

RS1000X Specs

- ✓ 90 m standard cable length
- ✓ 1.2 m per second maximum rate of climb/descent
- ✓ **Tether weight:** 13 g per m
- ✓ **Peak power output:** 1600 W
- ✓ **Sustained power output:** 220 V AC input - 1500 W, 120 V AC input – 1000W
- ✓ **Tether break strength:** 190 N
- ✓ **Tension on tether (on spool):** 200 g
- ✓ **Operating temperature:** -20 C to +40 C
- ✓ Thermal overload shutdown protection
- ✓ Proprietary power management circuitry
- ✓ Active cable management
- ✓ Includes tether cable mounting clamp
- ✓ **Dimensions:** 52.4 x 42.8 x 20.6 cm
- ✓ **Weight:** 16 kg
- ✓ **Case features:** watertight, crushproof and dustproof, easy open double throw latches, automatic pressure equalization valve



BRM (1x24) Specs

Peak power output: 1600 W @ 24 V DC
Sustained power output: 1000 W @ 24 V DC at 20 C
Weight: 360 g
Nominal 24 V output
380 V DC nominal input
Operating temperature: -20 C to +40 C
Thermal overload shutdown protection

Other Configurations Available Upon Request



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