



QUANTOCK 1000

The QUANTOCK 1000 vertical axis wind driven generator embodies long established, high efficiency generator principles, combined with turbine airflow expertise. Low inertia of the carefully balanced all aluminum rotor assembly enables the maximum advantages to be taken of average weather conditions.



SPECIAL FEATURES:

- Safe and Silent in operation
- Non blade design for user safety
- No maintenance required
- Corrosion resistant components
- Electrical circuit fully protected against overload
- Solid state rectifier



6



Technical Data	
Rotor Diameter	300mm
Vane height	465mm
Output voltage	Suitable for 12V DC or 24V DC
Start-up wind speed	Approximately 2ms-1 (3.88 knots)
Cut-in wind speed	Approximately 3.5ms-1 (7.82 knots)
Generator	Three Phase permanent magnet
Noise Level	less than 5dB, 5m from unit
Coating	All exposed parts powder coated Aluminium, centre shaft cold anodised
Bearing	Fully sealed
Temperature range	Normal Temperature: -20°C to +50°C, Low Temperature: -50°C to +50°C
Wire	10 metre 2 core wire (options available)
Mounting options	Pole mount, Wedge mount, Side mount, Rail mount