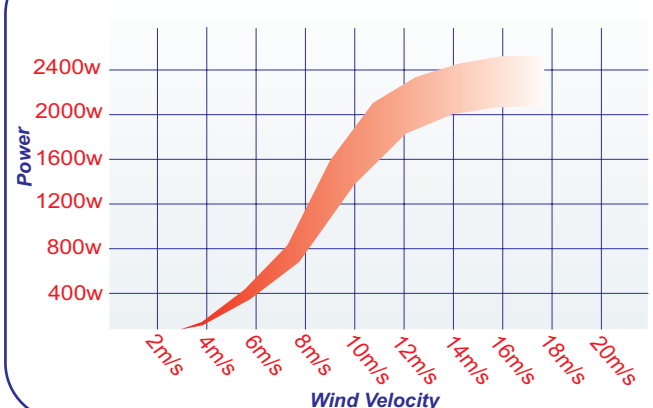


**Rotor Diameter:** 3.0m  
**Rotor Type:** 3-Blade Downwind  
**Blade Material:** Glass Reinforced Nylon  
**Rated Wind Velocity:** 8m/s (17.8mph)  
**Rated Output:** 1100watts  
**Peak Output:** 2500 watts  
**Rated rpm:** 355 RPM  
**Cut-in Wind Velocity:** 3m/s  
**Generator Type:** 3ph Brushless Outrunner PMA (Dual Mag Rotor)  
**Voltage Variants:** 24VDC Batt Charge  
 48VDC Batt Charge  
 300VDC Grid Tie  
**Power Conditioning Unit:** Run / Stop Switch  
 Ammeter  
 Protection Fuse  
 3ph Rectifier  
 Transformers (BC)  
 Over-volt (GT)  
**Chassis:** Heavy Duty Steel  
 Powder Coated  
**Tower Mount:** 88.9mm Dia (3.5")  
 4mm Wall Tube  
**Lateral Force at 45m/s:** 8kN  
**Estimated Annual Output:** 2000 - 4500kWh\*  
**Warranty:** 2 years (limited)

- Only two moving parts & sealed for life bearings
- Proprietary 3-phase axial PMA utilising Neodymium Iron Boron technology
- High-Voltage AC power transmission (thereby reducing the cost and power loss of cable runs)
- Power Conditioning Unit transforms high voltage AC to 24v or 48v DC for battery charging applications & provides over-voltage protection for grid tie applications.
- Excellent performance at truly **low** wind speeds
- Heavy duty PMA enables continuous running without need for furling or reducing output.
- Integral yaw slip rings
- Low visual impact design & sleek appearance.
- Heavy duty and rugged construction
- CNC machined components throughout
- Guyed and freestanding towers available
- Designed, developed and manufactured in the UK

**Instantaneous Power Curve**



**\* Predicted Energy Production:**

The instantaneous power curve and energy production estimates shown here are based upon ideal operating conditions. Every turbine installation is unique and the energy production may deviate from figures listed here due to many factors such as turbulence and wind shadowing. Particular sites for small wind turbine installations should be evaluated on their merits. If in doubt, seek the advice of an expert. These specifications are for use as an indicator only as actual performance may vary due to local environmental considerations.