

Windistar 400

Giant Power Midget

LUMINOUS
RENEWABLE ENERGY



After the very successful Windistar 4500 (4.5KW) wind turbine, we give you the micro Windistar 400 (400W) with low start up wind speed. The WS400 provides 400 watts output at only 1000 RPM and thus virtually silent operation unlike other 400 watts turbines which go up to 1800 RPM with lot of noise. The power curve below is as per field test results. First time for wind turbines, the WS400 has an unique MPPT (Maximum Power Point Tracking) which controls its speed even at highest wind speeds. At 18 m/s, it produces 520 watts.

Applications

Small homes, forest lodges, fishing boats & yachts, telecom towers, oil platforms, water pumping etc

Specifications

| | |
|---------------------------------|---|
| Rotor Diameter | 1.26 m |
| Weight | 15.11 lbs (6.8 Kg) |
| Shipping Dimension/wt. | 685X380X215mm (8.65 kg) |
| Mount | 1.5" Schedule 40 pipe (1.9" OD, 48mm) |
| Start Up Wind Speed | 8.04 mph (3.6 m/s) |
| Voltage | 12,24 VDC |
| Rated Power | 400 watts at 28mph(12.5 m/s) |
| Turbine Controller | Microprocessor-based smart internal regulator with Peak Power Tracking |
| Body | Cast aluminum (Powder coated option for bulk) |
| Blades | Carbon fiber composite (3 Nos.) |
| Over Speed Protection | Electronic Torque Control |
| Kilowatt Hours Per Month | 40 KWh/mo @ 12mph(5.4 m/s) |
| Survival Wind Speed | 112mph (50 m/s) |

