
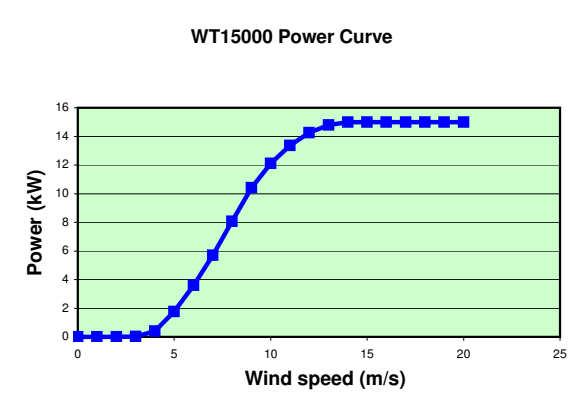


Proven WT15000 15kW Wind Turbine

Proven TM1500/TM2500, 15m/25m Un-Guyed Mast

<p>Rotor Speed Control</p> <p>Above 12m/s (25mph) the blade twist to limit the power in response to high rpm.</p>		<p align="center">WT15000 Power Curve</p> 
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<p>High Build Quality</p> <p>All Components are hot-dipped galvanised steel, stainless steel or plastic. All bearings are triple sealed.</p>	<p>Performance</p> <p>Cut - in Wind Speed 2.5 metres/second (5.6 mph) Cut - out Wind Speed >70 metres/second (>155 mph) Rated Wind Speed 12 metres/second (26 mph)</p>	
	<p>Rotor</p> <p>Type Downwind, Self - Regulating Number of Blades 3, Flexible Blade Material Glassthermoplastic Composite Rotor Diameter 9 metres Rated RPM 150 Rotor Thrust (kN) 26</p>	
	<p>Generator</p> <p>Type Brushless, Direct Drive permanent Magnet (No gear-box, zero maintenance) Grid connect (230Vac 50Hz or 240Vac 60Hz), Battery Charging (48V DC), Direct Heating (240Vac) Output 15000 watts Rated Power 15000 watts Annual Output 15,000 - 30,000 kWh depending on site</p>	

<p>Low Speed Equals Durability</p> <p>Low rotor speed (half of the speed of comparable machines) ensures extended durability of blades and bearings. It also means that Proven WTs are the quietest in the world!</p>	<p>Mast</p> <p>Type Tapered, Hinged, Self Supporting Hub Height 15m or 25m Foundation 3.7 x 3.7 x 1.2m³ or 5 x 5 x 2m³ Concrete</p>	
	<p>Noise</p> <p>all readings taken with an ATP SL-25 portable meter</p> <p>48dB At 5m/s 65dB At 20m/s 70-80dB Car 15m away speeding at approx 40mph (18m/s)</p>	
	<p>Weight</p> <p>WT15000 1100 kg TM1500 1478 kg TM2500 2794 kg</p>	

Sample of Commercial Customers
 British Telecom/Scottish Youth Hostel Association/Saudi Aramco/Irish Lighthouse Authority/Welsh Water/British Rail/Shell Exploration/T-mobile/Orange