Introducing a breakthrough wind energy system for home and business featuring a revolutionary gearless Blade Tip Power System (BTPS).

The Honeywell Wind Turbine is a gearless wind turbine that measures just 6 feet in diameter, weighs 170 lbs (77 kgs) and is able to produce 2000 kWh/yr in class 3 winds representing 18% percent of an average household's annual electricity needs. The Honeywell Wind Turbine creates power at the blade tips, rather than the complicated gearing of traditional turbines, drastically reducing mechanical resistance, resulting in far greater energy production even at low wind speeds. Traditional gearbox turbines require minimum wind speeds of 7.5 mph (12 km/h) to cut in and start generating power. The Honeywell Wind Turbine begins generating energy with winds as low as 2 mph (3 km/h).
Bringing wind technology to life.

We've turned wind turbines inside out.

According to the National Wind Technology Center, more than 80 percent of the U.S. residential market experience winds of less than 10 mph (16 km/h) over 90 percent of the time. Standard gear box turbines require a minimum of 7.5 mph (12 km/h) to begin producing energy. The Honeywell Wind Turbine's breakthrough technology can produce energy in as little wind as 2 mph (3 km/h) and can perform in winds up to 42 mph (67.5 km/h), enabling consumers who live in areas with low wind speeds to leverage wind as an energy source.

Dealer Support

The Honeywell Wind Turbine Service Network will handle installation and services for all customers. Honeywell Wind Turbine Dealers will benefit from the following marketing and support programs.

- State incentives of 30-100% for wind systems
- One Source Certified Installation
- Web Resource Center
- In Store Merchandising
- Consumer DVD
- Dealer Demo Rebate Program
- Technical Support
- Verifiable Power Output
- Training
- Marketing & Public Relations

Honeywell Model WT 6500 Star Gate Specifications

- Honeywell Gearless Wind Turbine
- Blade Tip Power System (BTPS)
- BTPS Permanent Magnet Electric Generator, Patents Pending
- UL Certified (Dec 2009)
- Installs on Pole or Roof Mount
- Lowest Cost kWh Installed Technology in Class
- Enclosed Blade Tip Power System
- Wide Wind Acceptance Angle
- Acoustic Noise Emissions < 35dB
- Tip to Tip Blade Dimension 5.7' (170 cm)
- 170 lbs (772 kg)
- 120 AC 60 Hz
- 220 AC 50 Hz (May 2010)
- 2.2 KW Plate Power
- < 2mph (3 km/h) Cut in Speed, Shut down 42 mph (67.5 km/h)
- Renewable Electric Generation 2000 kWh/yr - Class 3 Winds
- Renewable Electric Generation 2500 kWh/yr - Class 4 Winds (D.O.E. average US household electric 11,000 kWh/yr)
- Smart Box Control System (includes)
  - Optimal Power Transfer Controller
  - True Sine Wave Inverter
  - Battery Power Management System
  - Wind Direction & Speed Measurement Control System
  - Standard RS485 Communication Port
- 5 Year Limited Warranty
- Annual CO2 Displacement 2.2 Tons
- Product Design Life 20 Years

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