

WT6500 Wind Turbine

Gearless Blade Tip Power System

Honeywell



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 2752 kWh/yr in Class 4 winds representing over 20% percent of an average household's annual electricity needs. The Honeywell Wind Turbine

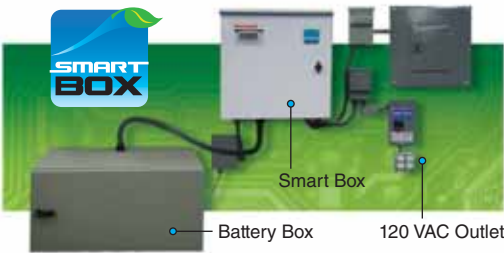
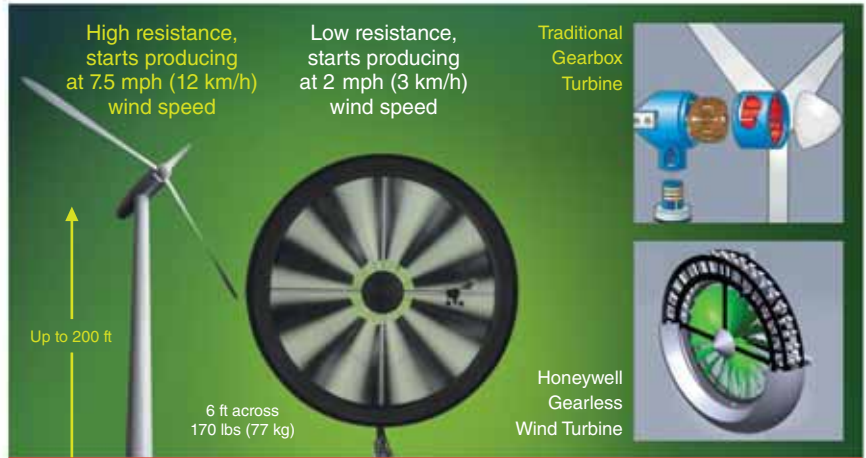
creates power at the blade tips, rather than the complicated gearing of traditional turbines, drastically reducing mechanical resistance, resulting in far greater energy production even at low wind speeds. Traditional gearbox turbines require minimum wind speeds of 7.5 mph (12 km/h) to cut in and start generating power. The Honeywell Wind Turbine begins generating energy with winds as low as 2 mph (3 km/h).

 **Blade Tip
Power System**

Own your wind.

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.



Auto Directional

Installs on Pole, Roof or Commercial Mount



Installation and Support

The Honeywell WT 6500 automatically moves with the wind through its directional fins and can be installed on a pole, roof or commercial mount.

Honeywell Model WT 6500 Specifications

Honeywell Gearless Wind Turbine
Blade Tip Power System (BTPS)
BTPS Permanent Magnet Electric Generator, Patents Pending
ETL, UL, CSA, CE, EU Listed (Summer 2010)
Installs on Pole, Roof Mount or Commercial 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 (77.2 kg)
120 AC 60 Hz
220 AC 50 Hz
2.2 KW Plate Power
< 2 mph (3 km/h) Cut in Speed, Shut down 42 mph (67.5 km/h)
Renewable Electric Generation 2752 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 CO ₂ Displacement 2.2 Tons
Product Design Life 20 Years



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