**Performance Curve**

**Specifications**
- Rotor Diameter: 46" (1.15 meters)
- Turbine Weight: 14 lbs. (6.2 kg)
- Start up windspeed: 6 Knots (7 mph, 2.7 m/s)
- Voltage: 12, 24, 48 VDC
- Rated Output: 400 watts at 26 Knots (30 mph, 13.4 m/s)

**Features: Unprecedented 3 Year Warranty**
- Anodized cooling fins for sustained high output
- High impact carbon fiber reinforced blades
- Variable pitch aeroelastic twist over-speed protection
- Exclusive brushless neodymium cubic curve alternator
- Maintenance free - only two moving parts
- Powder coated cast aluminum body
- Stainless steel hardware
- Now utilizes a PWM external regulator with resistive load dump for superior reliability in extreme wind conditions

**Southwest Windpower**

Renewable Energy Made Simple
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- Telecommunications systems
- Monitoring stations
- Offshore Platforms
- Navigational Aids
Minimize down times and reduce operating costs with an **AIR Industrial** wind turbine.

Based on the world’s best selling wind turbine, the **AIR Industrial** has been designed to survive the harshest mountain-top and offshore sites.

When the **AIR Industrial** is combined with a solar array, you will experience a more consistent power supply by evening-out seasonal changes and weather fluctuations.

No need for a separate tower! The **AIR**'s low wind loading and light-weight design allow it to be mounted on existing structures within a few hours.

In summary:
- More consistent power supply
- Reduced operating cost
- Reduced transportation costs
- Reduced wind loading
- Minimal space requirements
- Turbine is ECE approved, emits no electrical interference
- Regulator is UL Listed and complies with EU directive 89/336/EEC for electromagnetic compatibility
- Simple installation

Three **AIR Industrial** modules combined with PV provide power for a cell phone transmitter in the mountains near Phoenix, Arizona.

Utilize the **AIR Industrial** with solar and have power in virtually any weather condition, all year round, at just about any remote site.

**Seasonal Energy Resources**

**Wind & Solar**

![Graph showing average monthly wind speed and sun hours](image)

On land or at sea, the **AIR Industrial** is a reliable energy source (shown here on a harbor beacon in Hordaland).

(Cover Photo) An **AIR Industrial** in the North Sea powering an offshore platform.