



Product Overview & Specifications

Product Overview

The ReDriven 5 kW wind turbine system is the first in our line of non-tailed units.

- FD6.4-5000 including Generator, Blades, Flange
- 5 kW On-Grid Controller
- PVI-6000 Inverter
- Resistive Load
- 10 Kw Hydraulic Tower 24M (80ft)

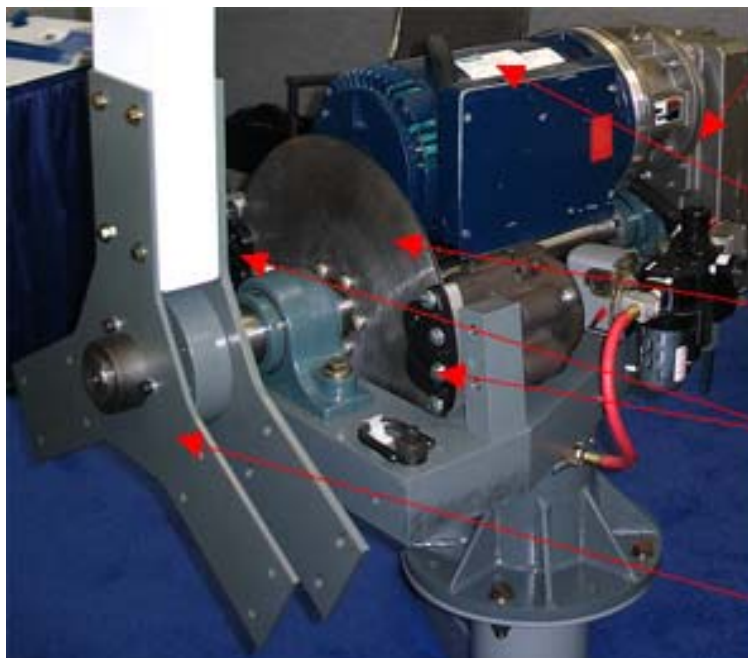
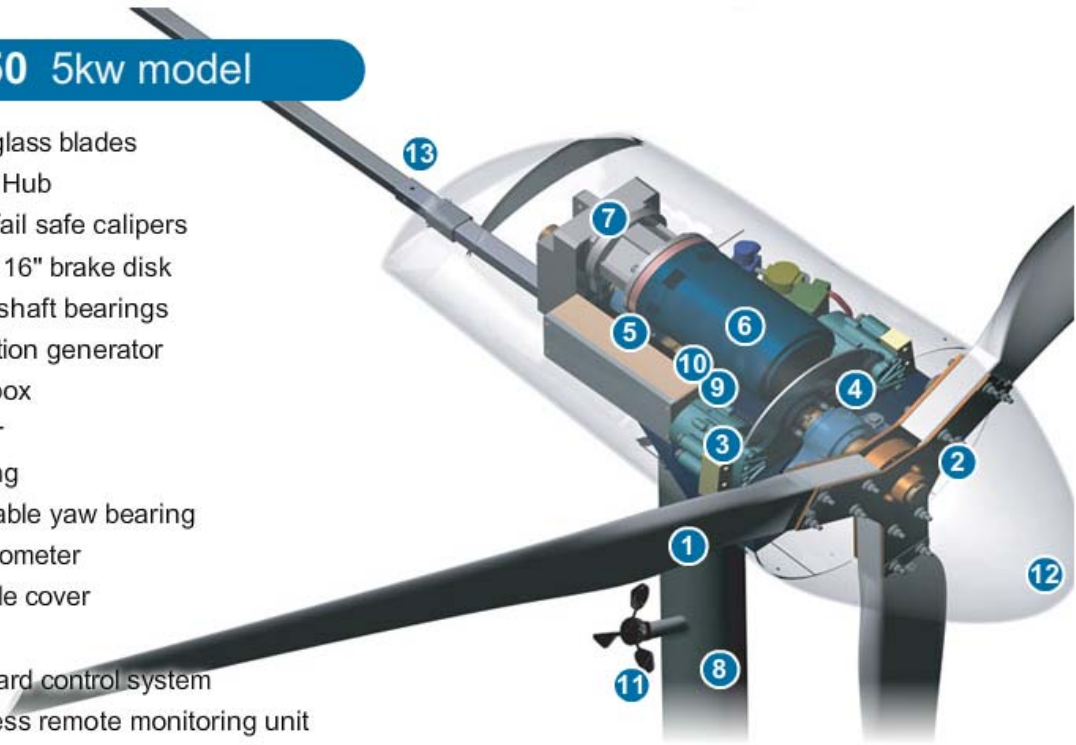
Our turbines carry a five year warranty on everything... Blades, controllers, turbine head, etc. All models have the capability to connect to the grid for net metering and the company is certified for Grid Interconnection based on the stringent UL 1741 requirement

ENDURANCE S-250 - 5 KW WIND TURBINE

The S Series Endurance Wind Turbines are designed for residential installs, small farms, wind demonstration projects, training programs and any other applications requiring 10,000 - 25,000 kWh per year of electricity.

S-250 5kw model

- 1 Fiberglass blades
- 2 Rotor Hub
- 3 Dual fail safe calipers
- 4 Large 16" brake disk
- 5 Main shaft bearings
- 6 Induction generator
- 7 Gearbox
- 8 Tower
- 9 Slipring
- 10 Turntable yaw bearing
- 11 Anemometer
- 12 Nacelle cover
- 13 Tail
- 14 Onboard control system
- 15 Wireless remote monitoring unit



- 9:1 Speed Increaser
- Induction Generator
- Brake Disk
- Redundant, Fail-safe Pneumatic Brake Calipers
- Sandwich Rotor Hub Assembly

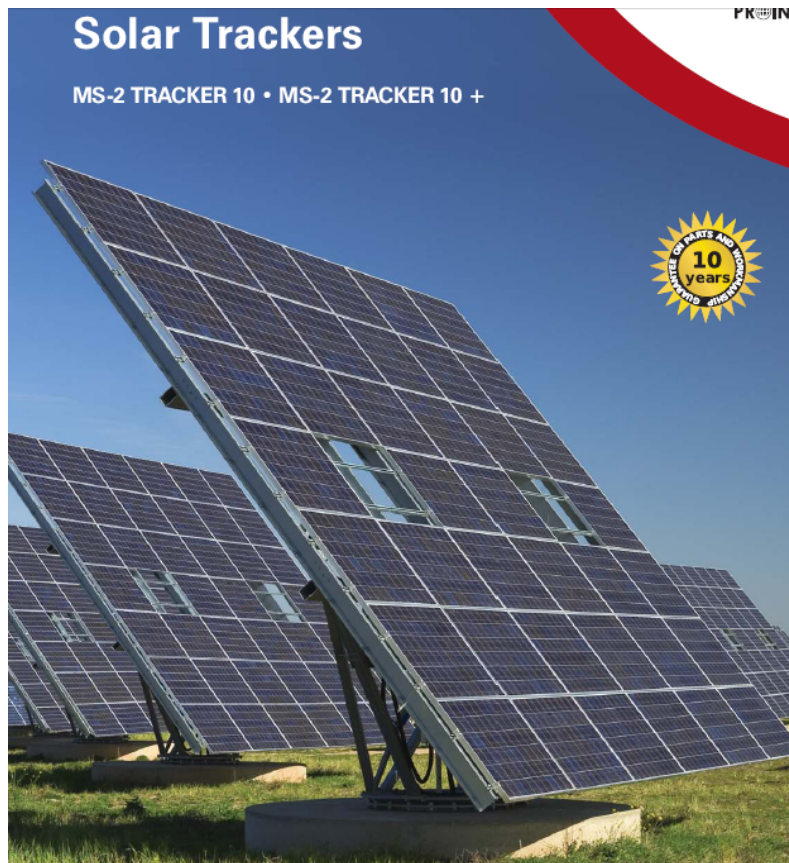


SPECIFICATIONS

TURBINE

Configuration	3 blades, horizontal axis, upwind
Rated power @ 14 m/s	5 kW
Applications	Direct Grid-Tie
Rotor speed	200 rpm
Cut-in wind speed	4.0 m/s (8.9 mph)
Cut-out wind speed	24 m/s (54 mph)
Survival wind speed	59 m/s (133 mph)

MECA SOLAR (Photo Voltaic Solar Systems)



High Tech Dual-Axis Solar Trackers

MS-2 Tracker 10+

- V-shaped metal structure and grill for up to 13.16 kWp (Fifty-six 235 Wp modules) panels.
- PLC tracking, in a fully equipped independent electric panel.
- Three phase motors on both axes.
- Hook-up/connection cabinet for storing protectors (magnetothermic (PIA), differential, power surge protection), fully wired.
- Two 6.0 kWn single phase SMA Sunny Boy SB 6000 inverters for outdoors use, IP 65.
- See the links below for graphic images:

http://www.mecasolar.com/pub/doc/File/ingl/seguidores_solares_en.pdf

<http://www.youtube.com/user/mecasolar>

<http://www.mecasolar.com/bin/descargas.php>