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OUTSTANDING PERFORMANCE
PROVEN RELIABILITY

AOC 15/50 SEAFORTH

PRODUCT OVERVIEW

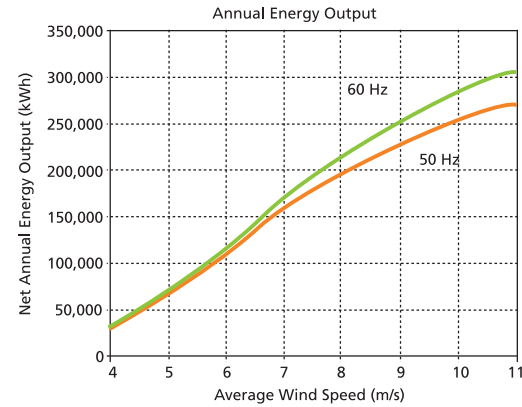
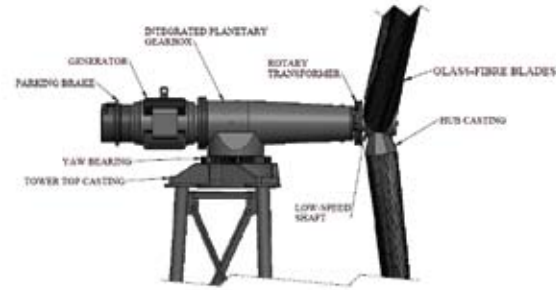
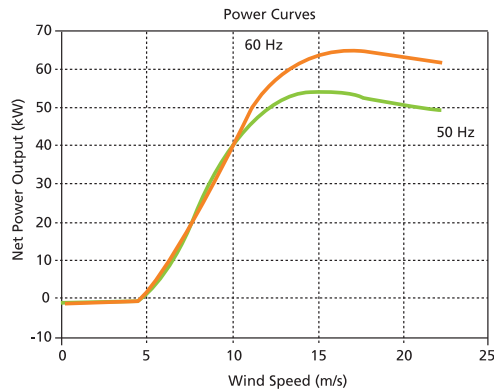
Seaforth Energy manufactures and markets the world's leading and most reliable 50kw wind turbine. The use of robust technology is the key to successful installation of wind turbines in remote climates and locations. This turbine is the evolution of a design that has been field-tested around the world for more than 20 years.

Assuming 100% availability of wind and average wind speeds of 7 m/s (15.7 mph), our 60hz model (made for the North American market) is calculated to produce approximately 165,000 kwh per year. Our 50hz model (made for the overseas market) is calculated to produce approximately 155,000 kwh per year.



IDEAL USES

The AOC 15/50 wind turbine is ideally suited for remote, diesel-based utilities and grid connected locations to offset electricity costs for agriculture, commercial and industrial facilities, resorts, municipalities and community centers.



WORLDWIDE INSTALLATIONS

AOC 15/50 wind turbines are presently being used in Canada, United States, Morocco, Russia, Ireland, the Caribbean, England, Scotland and India.

BENEFITS

- Proven reliability and durability
- Outstanding performance in extreme conditions and remote locations
- Flexible for net metering and off grid applications for better managed energy costs
- Tilt up installation available
- Design simplicity with minimal maintenance
- Machining and assembly of drivetrain ISO 9001 certified



TECHNICAL SPECIFICATIONS

Rate of Capacity
Produces 3phase, 480VAC power

Weight
2420 kilo / 5340 lbs

Hub Height
30m

Rotor Diameter
15m

Blades
Glass-fibre high efficiency blades

Cut in Wind
4.6m/s (10.2 mph)

Shut Down (high wind)
22.4m/s (50 mph)

Peak (survival)
59.5m/s (133 mph)

Yaw Control
Downwind Passive

Braking Systems
Tip brakes, dynamic brake, parking brake and stall regulated blades

Control System
PLC based
Remote Monitoring

Warranty
1 year limited warranty with extended warranties available

The AOC 15/50 has proven reliability and durability combined with outstanding performance, and has a simple design that requires minimal maintenance.