

AIR-X WIND TURBINE

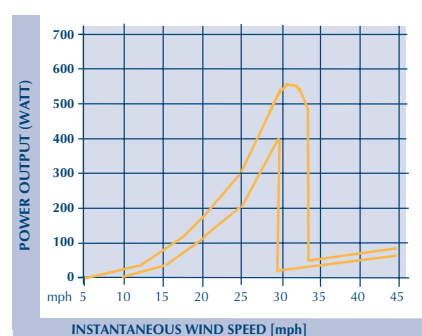
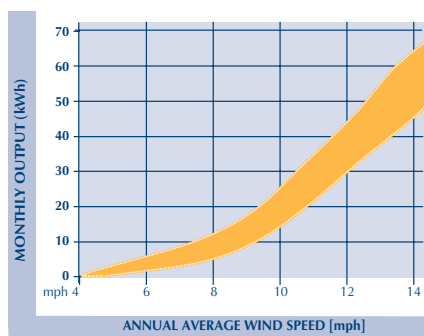


The AIR-X is the latest evolution of the AIR series wind turbines

FEATURES

- The AIR-X incorporates an entirely new rectifier and controller
- The microprocessor based controller provides voltage regulation, peak power tracking, low noise and stall control in strong wind
- A synchronous rectifier bridge which results in a cooler, more efficient operation
- The AIR-X incorporates a voltage boosting function which allows the turbine to reach charging voltage at a much lower RPM
- A new more efficient in-built alternator results in cooler operating temperatures for more reliability
- New rotor blades use a highly efficient airfoil for quieter performance and minimal vibration

PERFORMANCE CURVE



Nominal voltage	12V / 24V
Rated power	400W at 12.5 m/s
Start up wind speed	3.13 m/s
kWh per month	-38 kWh/month at 5.4m/s
Turbine controller	Microprocessor
Rotor diameter	1.15m
Blades (three)	Carbon fiber composite
Body	Cast aluminum
Weight	5.85 kg
Survival wind speed	49.2 m/s
Over speed protection	Electronic torque control
Limited warranty	3 years

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