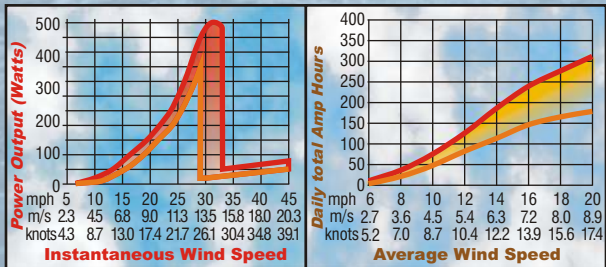


Performance Curves



based on average annual windspeed, Rayleigh Distribution Curve k=2

— Top Line - Non-Turbulent Site
— Bottom Line - Turbulent Site

Specifications

Rotor Diameter:	46" (1.15 meters)
Weight:	13 lbs. (5.85 kg)
Mount:	1.5" (1.9" OD, 48 mm) SCH40 pipe
Start up windspeed:	6 Knots (7 mph, 2.7 m/s)
Voltage:	12, 24, 48 VDC
Rated Output:	400 watts at 24 Knots (28 mph, 12.5 m/s)

Features: Unprecedented 3 Year Warranty

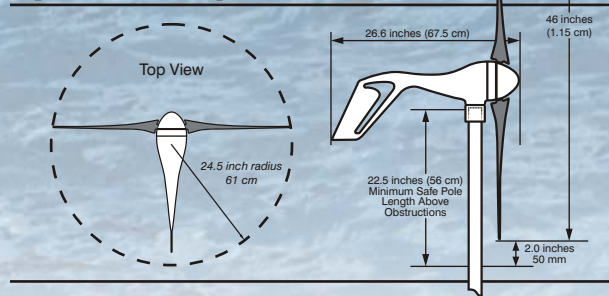
- Exclusive sophisticated internal charge controller, externally adjustable for any type of battery
- Patented peak power tracking for maximum power at all wind speeds
- Exclusive Autobrake™ slows the blades to a silent spin when the batteries are charged
- Marine quality powder coated aluminum body, all stainless steel hardware, marine grade wire, water tight housing
- Variable pitch aerolastic all carbon fiber blades
- Brushless permanent magnet alternator
- Maintenance free - only two moving parts



Installs Almost Anywhere



Sphere of Operation



"Our 10 meter yacht, *KEEPSAKE II*, was a Citration ocean cruiser and the very last piece of new equipment we installed was your fabulous and very stylish **AIR marine**. It is quite possible that without the wind generator we might not be here to 'tell the tale' since it kept us powered up to the last moment when we had to abandon ship and take to our life raft. We thank you for an excellent and efficient piece of machinery which we knew, intuitively, we absolutely needed.

- Karel Fontaine & Kai Olausen - *KEEPSAKE II*



3-0704SWP029/OAAIOA/Document 0219 REV NC

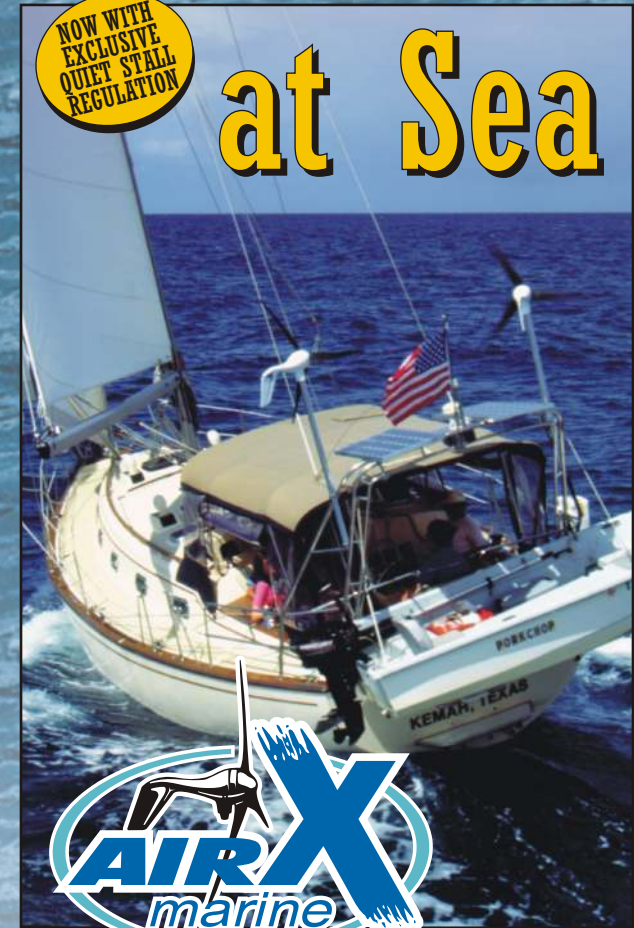
Southwest Windpower
Renewable Energy Made Simple

2131 N. First Street • Flagstaff, Arizona 86004 USA
Tel 928-779-9463 • Fax 928-779-1485
www.windenergy.com • E-mail info@windenergy.com

Wind Power

NOW WITH EXCLUSIVE QUIET STALL REGULATION

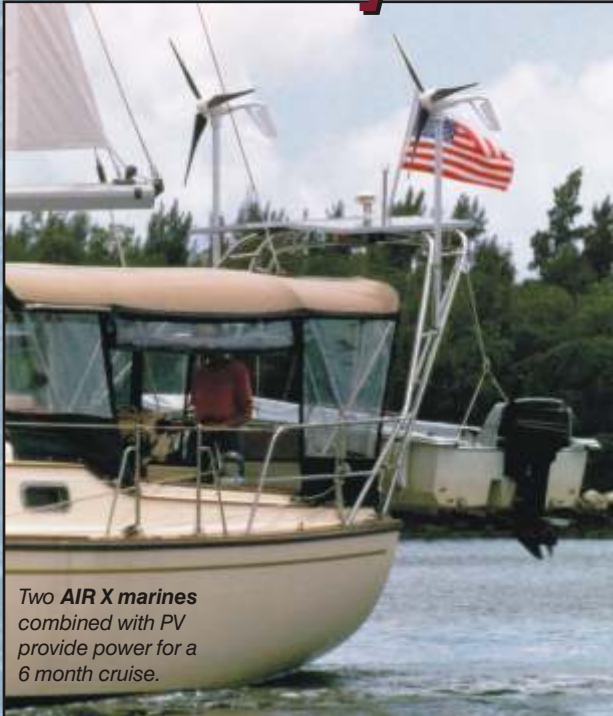
at Sea



Sophistication
Elegance
Performance

Power

Anytime Anywhere.



Two **AIR X marines** combined with PV provide power for a 6 month cruise.

In just a few years, the **AIR X marine** has become the standard wind turbine among blue water cruisers selling over 70,000 turbines worldwide.

Patented: **AIR X marine** is the first of a new generation of small wind turbines. The onboard microprocessor actually monitors wind speed and optimizes output using an exclusive Peak Power Tracking feature.

Stall Regulation: Another patented feature allows the **AIR X marine** to quietly produce maximum output and then slow the blades to eliminate flutter noise.

Reliability: The design of the body efficiently flows excess heat into the wind reducing operating temperature which improves performance.



The **AIR X marine** mounts quickly and easily on your boat or remote seaside location.

Applications

With only two moving parts, the **AIR X marine** is simple to install, easy to use and requires no maintenance.

The **AIR X marine** is capable of supplying power for:

- Refrigeration
- Auto-pilot
- Water maker
- Lights
- Navigational equipment
- Communication equipment

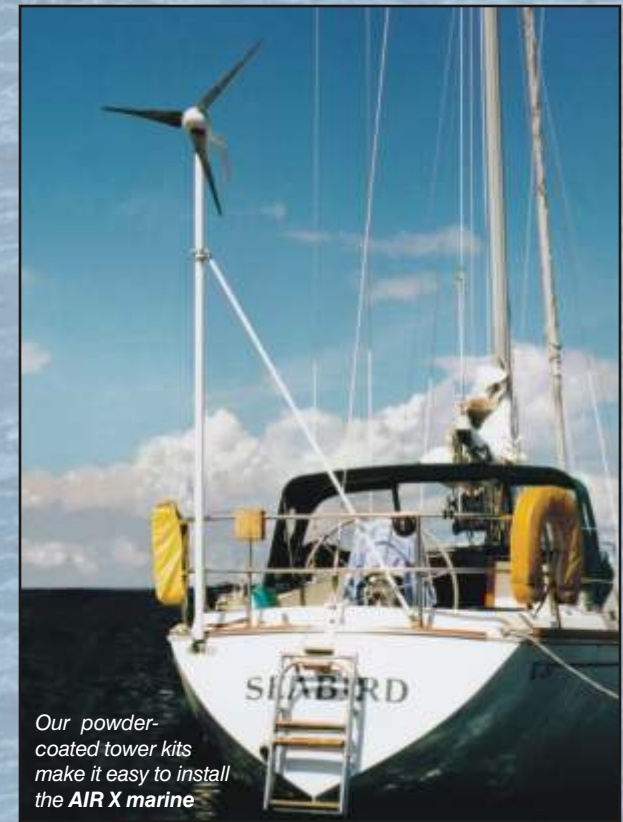
Choose the 400 watt **AIR X marine** to satisfy your power needs.

*"I was able to operate all of the equipment aboard my 40 ft (12 m) sailboat including (with inverter) a microwave, coffee pot, bread maker, TV and VCR, toaster as well as 12 volt system radio, radar, lights, loran and refrigerator. The **AIR marine** was my only source of recharging aside from occasional engine motoring."*

- Jim Brown, Captain - *Time Traveler*

*"The **AIR marine** is the only turbine I would ever use."*

- Pete Goss - 3 *Time B.O.C. Racer*



Our powder-coated tower kits make it easy to install the **AIR X marine**

Optional Tower Kits

- All stainless steel hardware with self-locking nuts
- Mast and stays are white powder-coated aluminum
- The 9' mast (2.7 m) has an outside diameter of 1.9" (48 mm) also known as 1.5" schedule 40 pipe. The two 9' (2.7 m) stays have an outside diameter of 1" (25.4 mm)
- Specially designed built-in vibration dampening mounts minimize noise transmission caused by wind generators
- Tilting mast base for easy installation
- Fully adjustable stay anchor base mounts
- Designed to withstand hurricane force winds
- Can be installed on transom or deck in just a few hours
- Mast and hardware kit sold separately



Saddle Clamps



Tilting Mast Base



Stay Base