



# air BREEZE™

by Southwest Windpower

## Quiet, reliable energy for sea and shore

AIR Breeze is trusted by sailors around the world and recommended as the best high-energy output turbine by Yachting Monthly. Its optimized electronic controls deliver energy quietly and efficiently. Extensive third party testing and certification shows more consistent output than the competition. AIR Breeze is part of the latest generation of AIR products—the world's best-selling wind turbines—with more than 135,000 units sold in more than 120 countries.



**YACHTING**  
MONTHLY  
**RECOMMENDS**  
High power



by Southwest Windpower

## High performance in marine environments

We recommend AIR Breeze for all small battery-charging applications in coastal areas or offshore: boats, docks and other marine uses. The AIR Breeze is an ideal wind turbine for hybrid systems with solar to offset those cloudy or stormy periods. AIR Breeze is built and backed by the worldwide leader in small wind.

- Improved reliability backed by a lifetime warranty
- Quiet operation
- Energy in light winds
- Lightweight; unique design is simple and easy to install
- Stop switch included
- Corrosion resistant paint tested to SAE J2334 standard
- Marine grade O-ring seal
- Stainless steel external fasteners
- Anodized blade hub



BATTERY CHARGING

Made in the USA

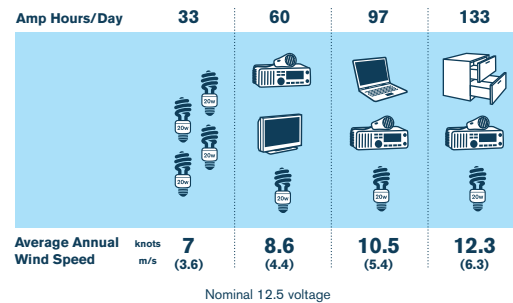
**LIFETIME LIMITED WARRANTY**  
TECHNICAL SUPPORT WORLDWIDE

## Technical Specifications

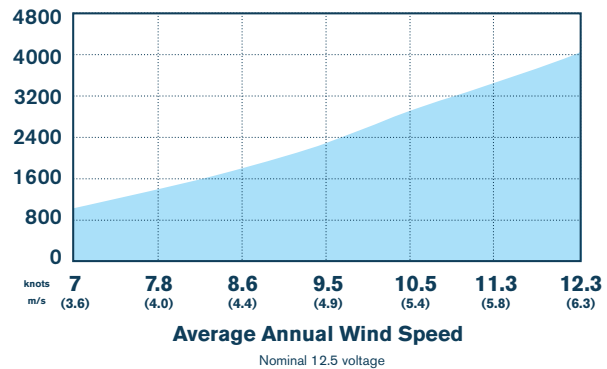
<b>Energy</b>	Approx. 3200 amp hours/month at 11.3 knots (5.8 m/s) <sup>1</sup>
<b>Swept Area</b>	11.5 ft <sup>2</sup> (1.07 m <sup>2</sup> )
<b>Rotor Diameter</b>	46 in (1.17 m)
<b>Weight</b>	13 lb (5.9 kg)
<b>Shipping Dimensions</b>	27 x 12.5 x 9 in (686 x 318 x 229 mm) 17 lb (7.7 kg)
<b>Startup Wind Speed</b>	7 mph (3.13 m/s)
<b>Voltage</b>	12, 24 and 48 VDC
<b>Turbine Controller</b>	Microprocessor-based smart internal regulator.
<b>Body</b>	Cast aluminum with corrosion resistant paint
<b>Blades</b>	(3) Injection-molded composite
<b>Alternator</b>	Permanent magnet brushless
<b>Overspeed Protection</b>	Electronic torque control
<b>Survival Wind Speed</b>	110 mph (49.2 m/s)
<b>Mount<sup>2</sup></b>	1.5 in schedule 40 pipe 1.9 in (48 mm) outer diameter



## POWER ALL OF THIS WITH AIR BREEZE<sup>1</sup>



## MONTHLY ENERGY (AMP HRS)<sup>1</sup>



(928) 779-9463  
www.windenergy.com

1. Estimate based on manufacturer test data. Third party testing to IEC standards pending.  
2. Southwest Windpower offers a range of tower options specifically designed to work with AIR products.