

aiR30™

by Southwest Windpower

Making renewable energy fun

AIR 30 is the best choice for reliable energy for small cabins, RVs, camping, garden lighting and hobbies. AIR 30's optimized software delivers reliable energy. Extensive third party testing and certification shows more consistent output than the competition. AIR 30 is part of the latest generation of AIR products—the world's best-selling wind turbines—with more than 135,000 units sold worldwide.





by Southwest Windpower

Solid performance for work or fun

We recommend AIR 30 for small battery-charging applications such as small cabins, RVs, camping, garden lighting, education, hobbies and more. The AIR 30 is an ideal wind turbine for hybrid systems with solar. AIR 30 is built and backed by the worldwide leader in small wind.

- Advanced microprocessor for reliable energy production
- Integrated overcharge protection
- Permanent mold cast aluminum body
- High-quality, field tested components
- Quiet operation
- Lightweight; easy to install
- Plug and play battery connection
- For use in non-corrosive environments



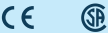
BATTERY CHARGING

Made in the USA

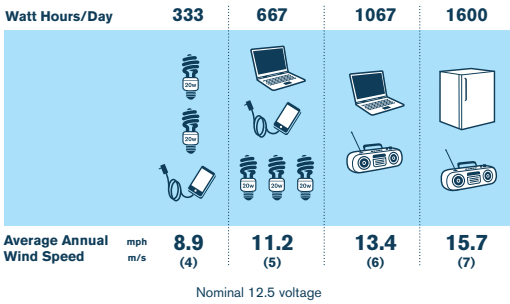
5 YEAR LIMITED WARRANTY
TECHNICAL SUPPORT WORLDWIDE

Technical Specifications

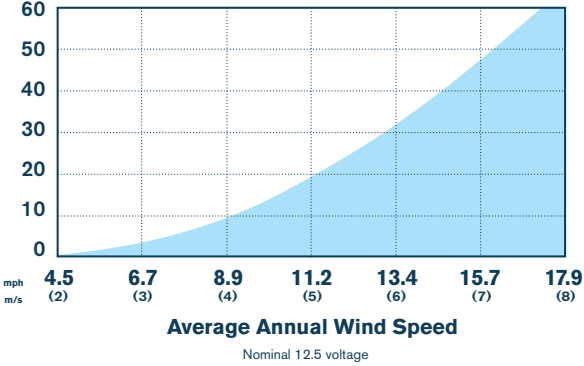
Energy	Approx. 30 kWh a month at 13.4 mph (6.0 m/s) ¹
Swept Area	11.5 ft ² (1.07 m ²)
Rotor Diameter	46 in (1.17 m)
Weight	13 lb (5.90 kg)
Shipping Dimensions	27 x 15 x 9 in (686 x 38 x 228 mm) 17 lb (7.7 kg)
Start-Up Wind Speed	8 mph (3.58 m/s)
Voltage	12, 24, and 48 VDC
Turbine Controller	Microprocessor-based smart internal regulator
Body	Permanent mold cast aluminum
Blades	(3) Carbon fiber composite
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	110 mph (49.2 m/s)
Mount²	1.5 in schedule 40 pipe 1.9 in (48.26 mm) OD



POWER ALL OF THIS WITH AIR 30¹



MONTHLY ENERGY (KWH)¹



(928) 779-9463
www.windenergy.com

1. Energy projections are based on data collected from the North Carolina Small Wind Initiative/ Appalachian State University Small Wind Research and Demonstration Facility, Beech Mountain, NC, USA.
2. Southwest Windpower offers a range of tower options specifically designed to work with AIR products.