

aiR 40™

by Southwest Windpower

Quiet, reliable off-grid energy

AIR 40 is the best choice to provide energy for off-grid homes, water pumping, lighting, telecom and anywhere you need electricity and have wind. AIR 40's optimized electronic controls deliver energy quietly and efficiently. Extensive third party testing and certification shows more consistent output than the competition. AIR 40 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.



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Proven, solid performance

We recommend AIR 40 for small battery-charging applications: remote homes, telecom, industry, lighting and more. The AIR 40 is an ideal wind turbine for hybrid systems with solar to offset those cloudy or wintery periods. AIR 40 is built and backed by the worldwide leader in small wind.

- Advanced microprocessor for reliable energy production
- Integrated overcharge protection eliminates additional equipment
- Composite blades for durability and optimum wind capture
- Permanent mold cast aluminum body
- High-quality, field tested components
- Quiet operation
- Lightweight; unique design is simple and easy to install
- Energy in light winds
- Plug and play battery connection
- For use in non-corrosive environments



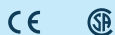
BATTERY CHARGING

Made in the USA

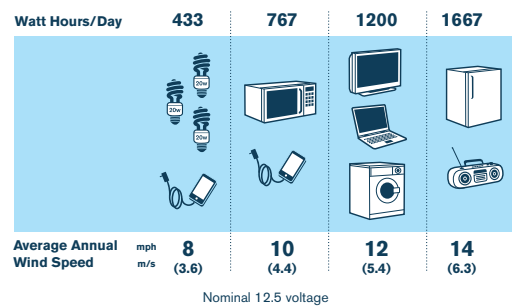
LIFETIME LIMITED WARRANTY
TECHNICAL SUPPORT WORLDWIDE

Technical Specifications

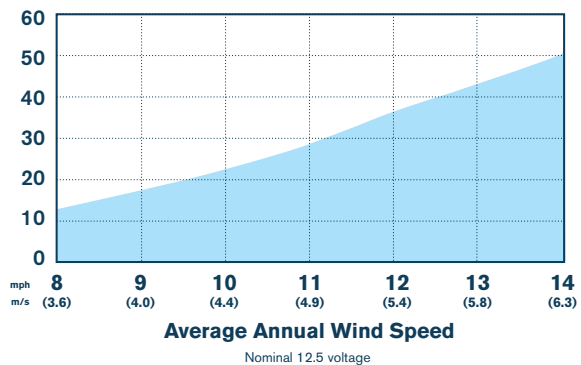
Energy	Approx. 40 kWh a month at 13.4 mph (6.0 m/s) ¹
Swept Area	11.5 ft ² (1.07 m ²)
Rotor Diameter	46 in (1.17 m)
Weight	13 lb (5.9 kg)
Shipping Dimensions	27 x 12.5 x 9 in (686 x 318 x 229 mm) 17 lb (7.7 kg)
Startup Wind Speed	7 mph (3.1 m/s)
Voltage	12, 24 and 48 VDC
Turbine Controller	Microprocessor-based smart internal regulator.
Body	Permanent mold cast aluminum
Blades	(3) Injection-molded composite
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	110 mph (49.2 m/s)
Mount ²	1.5 in schedule 40 pipe 1.9 in (48 mm) outer diameter



POWER ALL OF THIS WITH AIR 40¹



MONTHLY ENERGY (KWH)¹



(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.