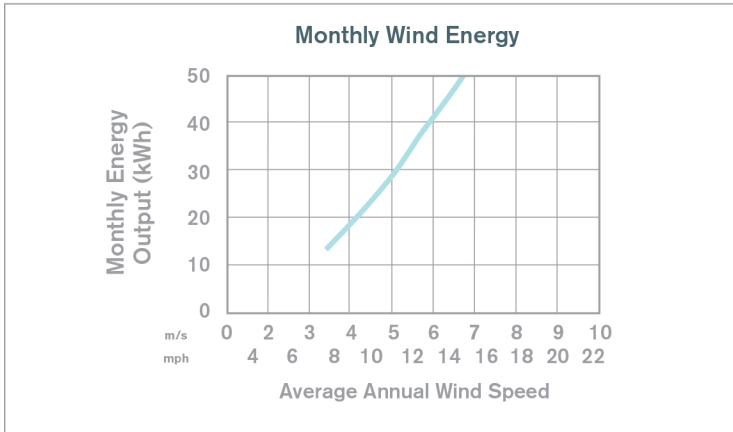


# AIR 40



## Technical Specifications

Energy	Approx. 40 kWh/mo at 5.8 m/s (13 mph) <sup>1</sup>
Swept Area	1.07 m <sup>2</sup> (11.5 ft <sup>2</sup> )
Rotor Diameter	1.17 m (46 in)
Weight	5.9 kg (13 lb)
Shipping Dimensions	686 x 318 x 229 mm (27 x 12.5 x 9 in) 7.7 kg (17 lb)
Startup Wind Speed	3.1 m/s (7 mph)
Voltage	12, 24 and 48 VDC
Turbine Controller	Mircoprocessor-based smart controller
Body	Permanent mold cast aluminum
Blades	(3) Injection-molded composite
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	49.2 m/s (110 mph)
Mount <sup>2</sup>	1.5 in schedule 40 pipe 48 mm (1.9 in) outer diameter
Wind Speed Operating Range	3.1-22 m/s (7-49 mph)
Optimum Wind Speed Range	4.5-22 m/s (10-49 mph)

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



**air 40™**

**FIVE-YEAR LIMITED WARRANTY**

