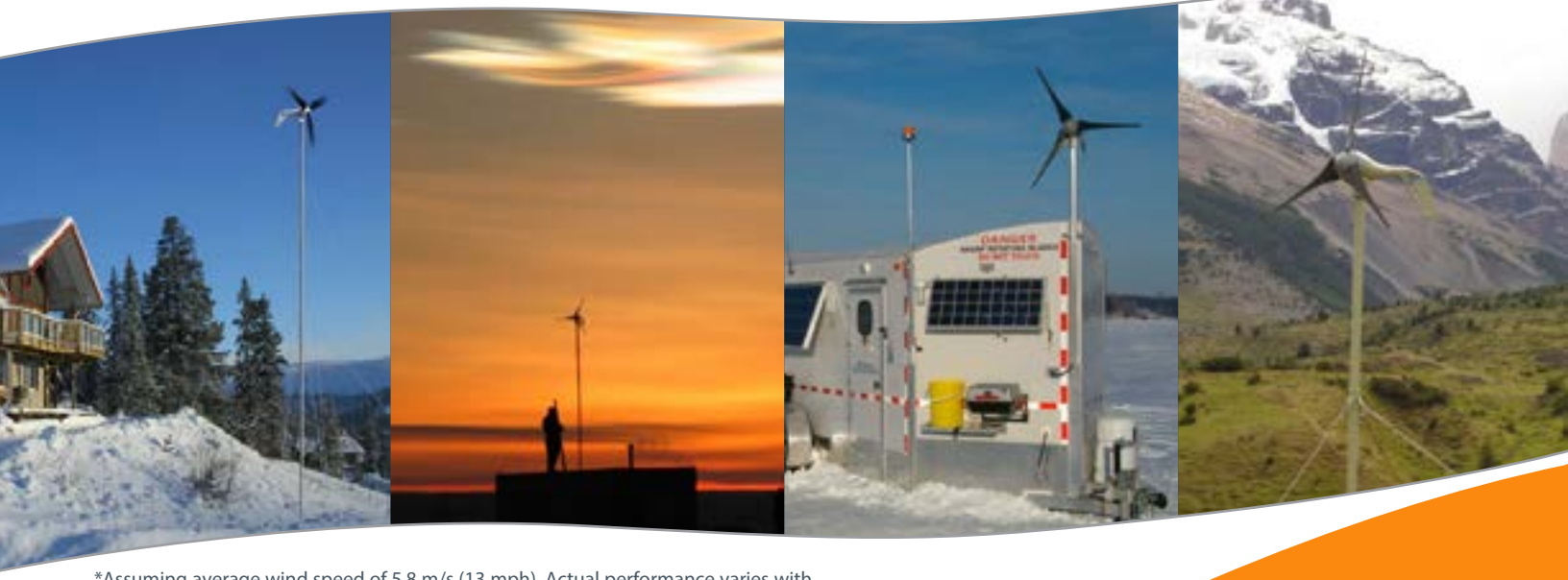
primuswindpower

AIR 30™

Optimum energy in high wind environments

When you need energy, our AIR 30 delivers. It's hands down the best energy choice for off-grid land-based applications in high wind environments. Use it for SCADA, telecom, security, cathodic protection and many other general battery charging applications. With optimized software, AIR 30 consistently delivers energy where it matters by the only name in the industry: Primus Wind Power.

- High-quality, third-party tested components for reliability and safety
- Pair with solar PV for redundant energy production year-round
- Advanced microprocessor technology for superior performance and high wind protection without mechanical braking
- Lightweight design is simple and easy-to-install; integrated power electronics for plug-and-play operation
- Produces 30 kWh of energy a month* for land-based, high wind applications



*Assuming average wind speed of 5.8 m/s (13 mph). Actual performance varies with wind speed, tower height and site conditions.

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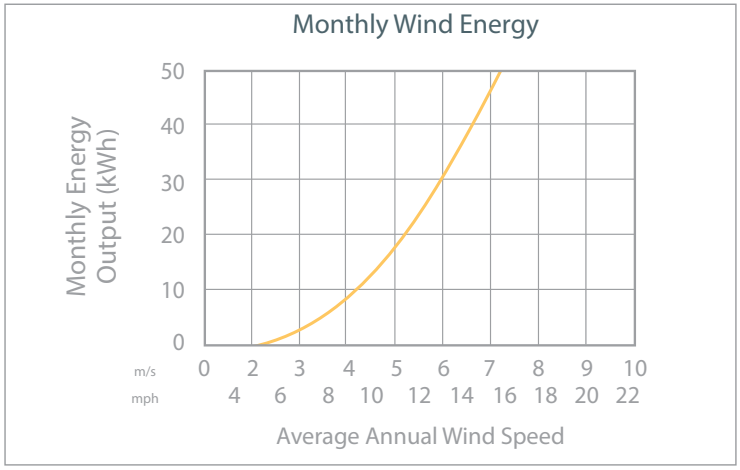

AIR 30™

FIVE-YEAR LIMITED WARRANTY

Technical Specifications

Energy	Approx. 30 kWh/mo at 5.8 m/s (13 mph)[1]
Swept Area	1.07 m² (11.5 ft²)
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	3.58 m/s (8 mph)
Voltage	12, 24 and 48 VDC
Turbine Controller	Mircoprocessor-based smart controller
Body	Permanent mold cast aluminum
Blades	(3) Carbon-molded composite
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	49.2 m/s (110 mph)
Mount[2]	1.5 in schedule 40 pipe 48 mm (1.9 in) outer diameter
Wind Speed Operating Range	3.6-22 m/s (8-49 mph)
Optimum Wind Speed Range	11-15 m/s (25-32 mph)

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. Primus Wind Power offers a range of tower options specifically designed to work with AIR products.

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