

**New Improved
PowerCenter Featuring
"Slow Mode" Rotor Speed Control**

BERGEY XL.1

1000 Watt Home Wind Turbine

**24 VDC
Battery Charging**



Features

- ▶ 5-Year Warranty (Industry's Longest)
- ▶ Low Noise Under All Conditions
- ▶ Bergey "Tornado-Tuff" Ruggedness
- ▶ Advanced Airfoil and Oversized Neo Alternator
- ▶ AutoFurl "No Worry" Storm Protection
- ▶ Fail-Safe Design, No Dump Load Required for Structural Safety
- ▶ Upgraded Multi-Function Microprocessor Controller (new)
- ▶ Boost Converter Provides Charging at 6 mph
- ▶ New "Slow-Mode" Idles Rotor When Batteries are Full
- ▶ Push Button Electric Brake (new)
- ▶ All-Inclusive Tilt-up Towers: 30', 42', 64', 84', and 104'
- ▶ Tower Winch System using Hand Drill Power
- ▶ Installation & Support by Over 500 BWC Dealers

The Bergey XL.1 24 VDC battery charging wind system is the most technically advanced small wind turbine on the market today. It provides superior energy production performance with the "Tornado Tuff" ruggedness that has made Bergey turbines best sellers since 1980. And, best of all, the XL.1 is value priced to give you the most bang for your buck.

The XL.1 now features an upgraded PowerCenter controller that idles the rotor once the batteries are full (Warning: Be prepared to spend hours flipping lights on and off to cause the rotor to speed up or slow down. Highly addictive to techies.) and provides a convenient push button brake function. In addition, we doubled the dump load capacity (to 60A) and gave it proportional (PWM) control to more accurately maintain battery voltage, added a "wattmeter function," made customizing set-points a snap, and added a polarity checker for the wind and PV inputs.

Compare features, performance, price, reputation, and warranties. We think you will find that the Bergey XL.1 is the clear choice for your home power system. Get product information and find a dealer near you by visiting our web site: www.bergey.com.



PowerCenter Controller

- 60A Wind Regulator
- 30A Solar Regulator
- 60A Dump Load Control Circuit
- Voltage Booster for Low Winds
- Battery and System Status LEDs
- "Wattmeter" LED Function
- Timed Equalization Function
- Push Button Rotor Brake
- Slow Mode Rotor Idling
- Easy Set-Point Adjustment
- Polarity Checker

Typical Performance: 5.2 kWh DC per day

4 Times More Energy Than the Air 403¹

1.8 Times More Energy Than the Whisper H40²

1-Air is a registered trademark of Southwest Windpower, Inc.
2-Whisper is a registered trademark of Southwest Windpower, Inc.

11.2 mph (5 m/s) Average Wind Speed at Hub Height, Rayleigh Distribution.
Based on manufacturer's published power curves.



SIMPLICITY • RELIABILITY • PERFORMANCE

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