Wind Power Systems

Wind Power

All wind systems consist of a wind turbine, a tower, wiring, controller, inverter, and batteries. By investing in a small wind system, you can reduce your exposure to future fuel shortages and price increases and reduce pollution. Deciding whether to purchase a wind system, however, can be complicated; there are many factors to consider. But if you have the right set of circumstances, we can help you design a wind energy system that can provide you with many years of cost-effective, clean, and reliable electricity.

Hybrid Wind Systems

According to many renewable energy experts, a stand-alone "hybrid" system that combines wind and photovoltaic (PV) technologies offers several advantages over either single system. In much of the United States, wind speeds are low in the summer when the sun shines brightest and longest. The wind is strong in the winter when there is less sunlight available. Because the peak operating times for wind and PV occur at different times of the day and year, hybrid systems are more likely to produce power when you need it.

For the times when neither the wind generator nor the PV modules are producing electricity (for example, at night when the wind is not blowing), most stand-alone systems provide power through batteries and/or an engine-generator powered by fossil fuels.

The Solar Store offers you the latest in wind technology from Southwest Windpower

Also featuring the Whisper series

AirX Wind Generator

AirX

Introducing the AirX 400 watt wind generator Also available in Marine and industrial models

Features

- Features Unprecedented 3 YEAR WARRANTY
- Features Carbon Fiber Composite Blades
- Aircraft quality aluminum alloy castings
- Exclusive Brushless neodymium cubic curve alternator
- Sophisticated internal battery charge regulator
- Maintenance-free - Only two moving parts
- Exclusive Auto-brake-feature that slows the AIR to a silent spin when the batteries are charged thus extending bearing life and reducing noise.
- High Wind Safe Mode - Automatically slows turbine in potentially damaging winds and reduces noise.
- Quiet Operation.