



XZERES Machines for Serious Power

XZERES Wind manufactures wind energy systems built from the ground up for performance, reliability and value.

The XZERES ARE442 is capable of generating 1224 kWh per month at an average wind speed of 12 mph, and features a simple design with minimal moving parts to reduce wear and tear and allow for quiet operation.

A reliable, efficient source of renewable energy, the XZERES ARE442 is ideal for light industrial applications, ranches and remote sites.

Direct Grid Connect System

Includes wind turbine with slip rings, two 6 kW inverters, controller and diversion load.

48V Battery Charging System

Includes wind turbine with slip rings, battery charge controller with turbine peak power tracking, three stage charging and diversion load.

Technical Specifications

| | |
|------------------|-------------------------------------|
| Model | XZERES ARE442 |
| Rotor Diameter | 7.2 m (23.6 ft) |
| Swept Area | 41 sq m (442 sq ft) |
| Rated Power | 10 kW |
| Rated Speed | 25 mph (11.2 m/s) |
| Cut-in Speed | 6 mph (2.5 m/s) |
| Blades | 3-blade, upwind |
| Body | Ductile iron casting and steel |
| Alternator | 3 phase, neodymium permanent magnet |
| Tower-top Weight | 825 kg (1650 lb) |
| Monthly Output | 1224 kWh @ 12 mph |
| Output Interface | 240 VAC 50-60 Hz |

10 Year Warranty

XZERES Wind Corp.
 9025 SW Hillman Court
 Suite 3126
 Wilsonville, OR 97070
 Tel: 503-388-7350
 xzereswind@xzeres.com
 www.xzeres.com

