



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

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