

XZERES 10kW

Turbine Specifications

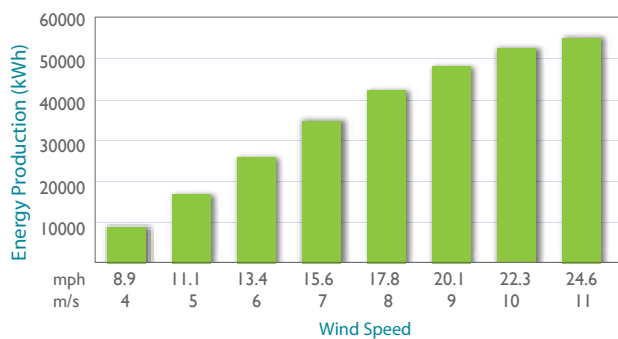


Simple By Design

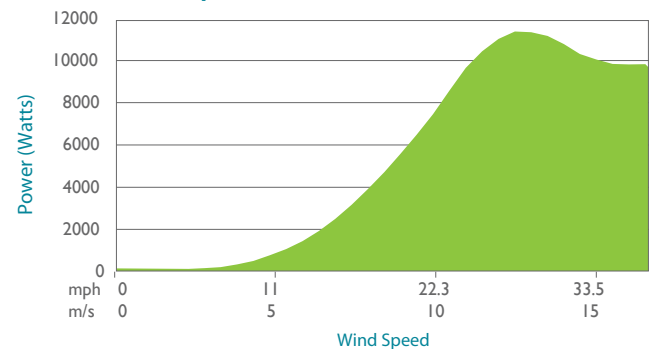
The XZERES 10kW is an efficient machine, built to quietly last. The turbine is designed to generate low cost power through efficiency, reliability and longevity. A simple design limits moving parts to reduce service and maintenance costs, as well as allow for easy installations. By focusing on performance and reliability, XZERES systems produce a low lifetime cost of energy.

XZERES 10kW Production Values

Annual Energy Production



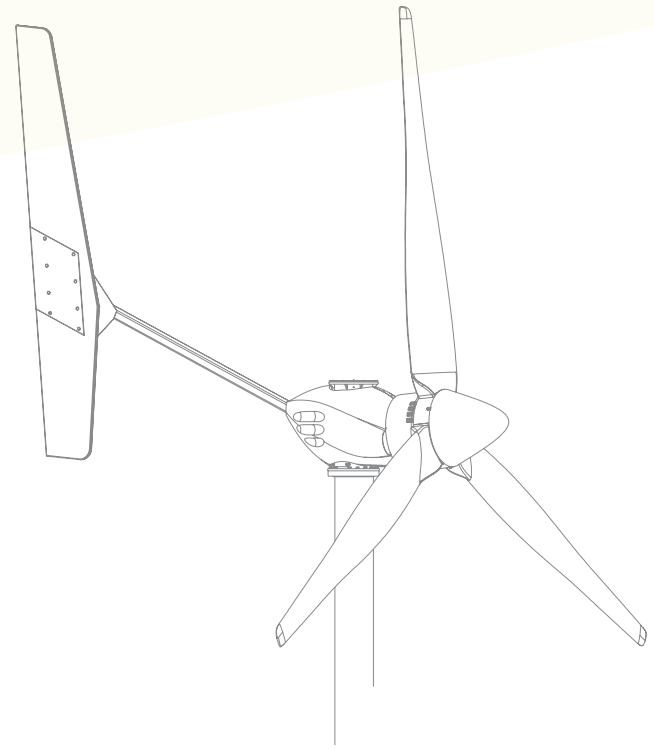
Power Output



It's your turn

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General Specifications

Model	XZERES 442SR (10kW)
Rated Power	10.4kW @ 25 mph (11 m/s)
Peak Power	12.2kW
Annual Energy Production	25,979kWh @ 13 mph (6 m/s)
IEC 61400-2	Class 2
Rotor Diameter	23.6 ft (7.2 m)
Tower-top Weight	2300 lbs (1045 kg)
Swept Area	442 sq ft (41 m ²)
Type	Upwind
Cut-in Speed	5.6 mph (2.5 m/s)
Rated Sound Level	47.5dB(A)
Operating Temperature	-4°F - 122°F (-20°C - 50°C)

Interface

Single Phase

US Grid Support	208, 240, 277 VAC 60 Hz
Worldwide Grid Support	Available

Three Phase

US Grid Support	208Y120, 240 Δ 480Y277 VAC, 60 Hz
Worldwide Grid Support	Available

Off Grid	48V Battery Systems Available
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Turbine Construction

Blades	Molded fiberglass
Alternator	3 phase, permanent magnet
Body	Ductile iron casting & steel

Warranty

Design Life	20 Years
Limited Warranty	10 Years
Extended Warranty Coverage	Available

Certifications & Ratings

European Conformity	CE Marked
AWEA/SWCC Wind Turbine Performance	LPP-10-10
MCS Wind Turbine Performance	BBA 0071

