

# XZERES 10

## Turbine Specifications

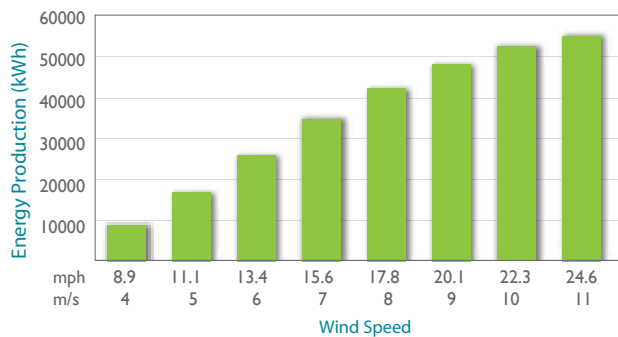


### Simple By Design

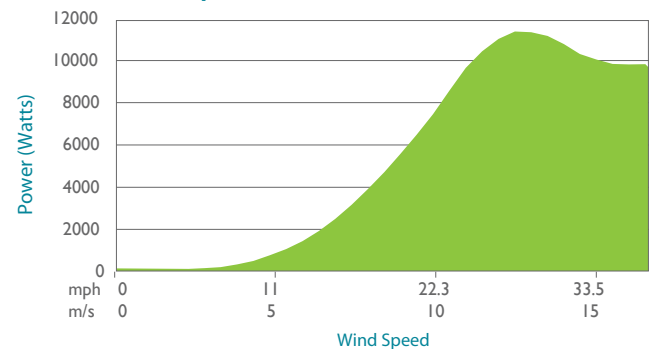
The XZERES 10 is an efficient machine, built to quietly last. The turbine is designed to generate low cost power through efficiency, reliability and longevity. A simple design limits moving parts to reduce service and maintenance costs, as well as allow for easy installations. By focusing on performance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

### XZERES 10 Production Values

#### Annual Energy Production



#### Power Output



# XZERES 10

## Turbine Specifications

### General Specifications

Model	XZERES 442SR (10kW)
Rated Power	10.4kW @ 25 mph (11 m/s)
Max Power	12.2kW
Annual Energy Production	25,979kWh @ 13 mph (6 m/s)
Design Standard	IEC 61400-2
Rotor Diameter	23.6 ft (7.2 m)
Tower-top Weight	2300 lbs (1045 kg)
Swept Area	442 sq ft (41 m <sup>2</sup> )
Type	Upwind/3 Blades
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

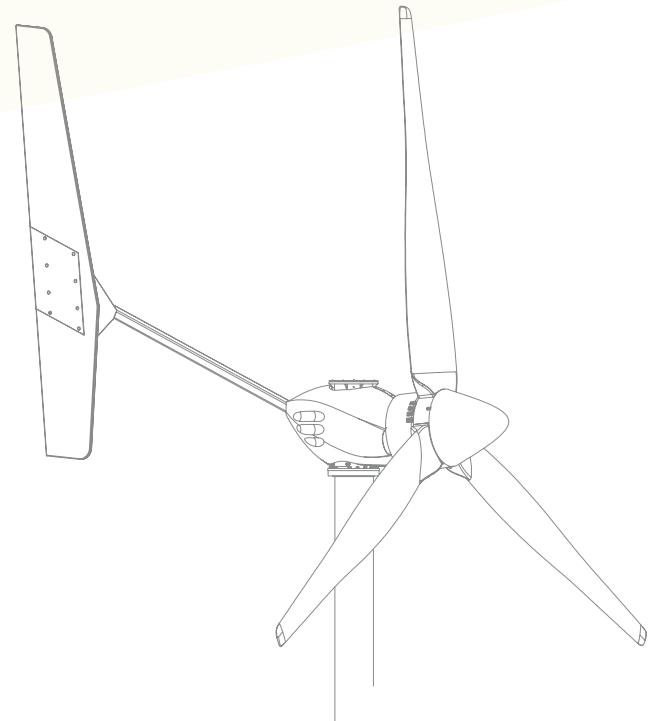
#### Single Phase

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

### Certifications & Ratings

European Conformity	CE Marked
AWEA/SWCC Wind Turbine Performance	LPP-10-10
MCS Wind Turbine Performance	BBA 0071
ClassNK (Nippon Kaiji Kyokai)	TC-0008

