



XZERES Wind Corp.  
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**KNOWLEDGE ■ PERFORMANCE ■ RELIABILITY**

## XZERES 110

XZERES Wind manufactures wind energy systems built from the ground up for performance, reliability and value. The XZERES 110 is capable of generating 419 kWh per month at an average wind speed of 12 mph, and features a simple design with minimal moving parts to reduce maintenance and provides for quiet operation. A reliable, efficient source of renewable energy, the XZERES solutions cover a broad range of applications, from residential, commercial, remote energy supply, community power, island electrification, telecom, hybrid, and specialty solutions.

### Direct Grid Connect System

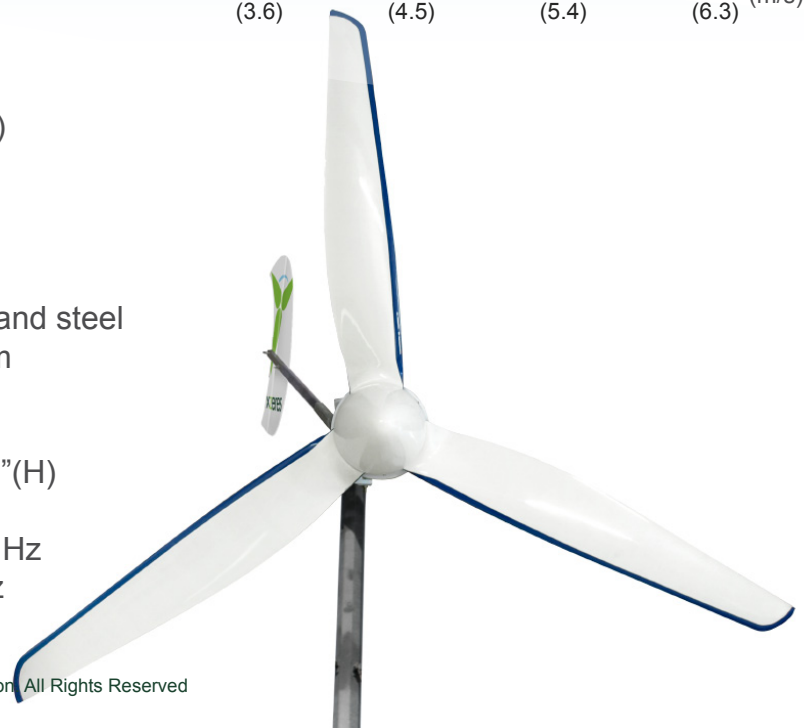
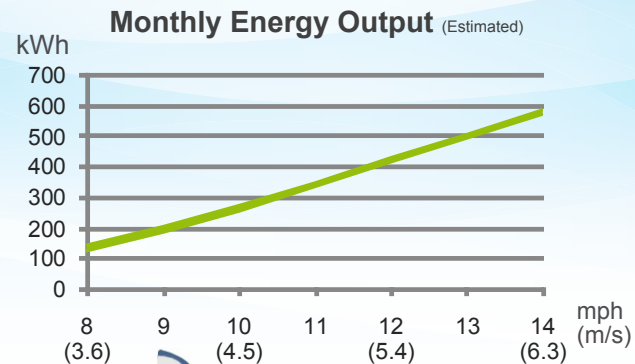
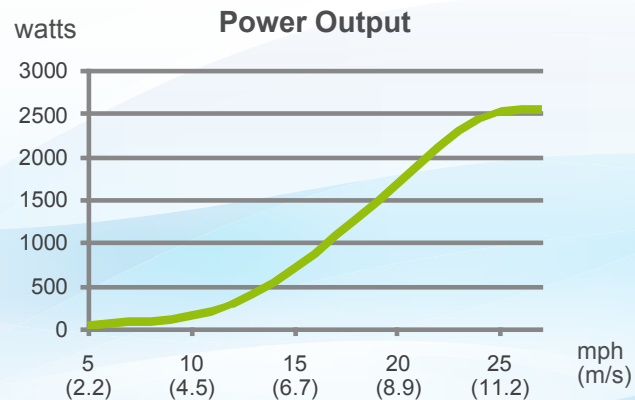
Includes wind turbine with slip rings, 3 kW inverter, turbine controller and diversion load.

### 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 110
Rotor Diameter	3.6 m (11.8 ft)
Swept Area	10.2 sq m (110 sq ft)
Rated Power	2.5 kW
Rated Speed	25 mph (11 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	143 kg (315 lb)
Shipping Dimensions:	81"(L) x 27"(W) x 42"(H)
Monthly Output <i>(Estimated)</i>	419 kWh @ 12 mph
Output Interface	220-240 VAC 50/60 Hz 208, 277 VAC 60 Hz





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## XZERES 442

XZERES Wind manufactures wind energy systems built from the ground up for performance, reliability and value. The XZERES 442 is capable of generating 1,524 kWh per month at an average wind speed of 12 mph, and features a simple design with minimal moving parts to reduce maintenance and provides for quiet operation. A reliable, efficient source of renewable energy, the XZERES solutions cover a broad range of applications, from residential, commercial, remote energy supply, community power, island electrification, telecom, hybrid, and specialty solutions.

### Direct Grid Connect System

Includes wind turbine with slip rings, two 6 kW inverters, turbine 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 442
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	5 mph (2.2 m/s)
Blades	3-blade, upwind
Body	Ductile iron casting and steel
Alternator	3 phase, neodymium permanent magnet
Tower-top Weight	725 kg (1598 lb)
Monthly Output <i>(Estimated)</i>	1,524 kWh @ 12 mph
Output Interface	220-240 VAC 50/60 Hz 208, 277 VAC 60 Hz

