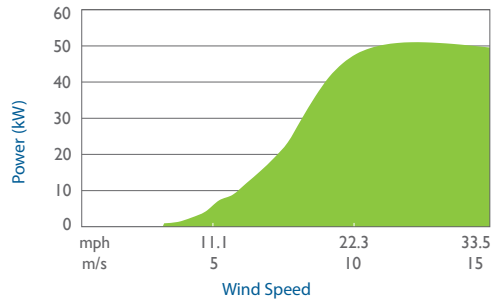
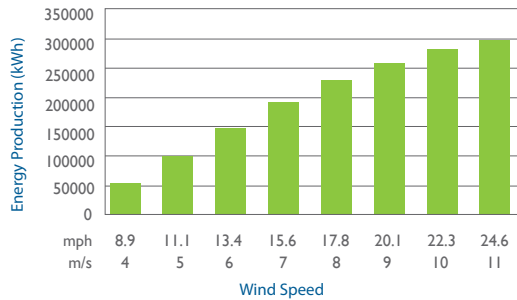


# XZERES 50

## POWER OUTPUT



## ANNUAL ENERGY PRODUCTION (ESTIMATED)



## TECHNICAL SPECIFICATIONS

<b>Rated Power</b>	51 kW at 11 m/s (25 mph)
<b>DNL/TIC</b>	53 kW/55 kW
<b>Type</b>	Upwind
<b>Design Class</b>	IEC SWT Class IIa
<b>Rotor Diameter</b>	16.5 m (54.1 ft)
<b>Tower-Top Weight</b>	5,558 kg (12,255 lbs)
<b>Swept Area</b>	213.8 m <sup>2</sup> (2301.32 ft <sup>2</sup> )
<b>Cut-In Speed</b>	2.7 m/s (6 mph)
<b>Rated Sound Level</b>	40-45 db at 30 m (100 ft)
<b>Operating Temperature</b>	-10°C to 40°C (14°F to 104°F)
<b>Extended Operation Temp</b>	-25°C to 50°C (-14°F to 122°F)
<b>Service Design</b>	20 Years



# XZERES 50



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 503-388-7350  
 sales@xzeres.com  
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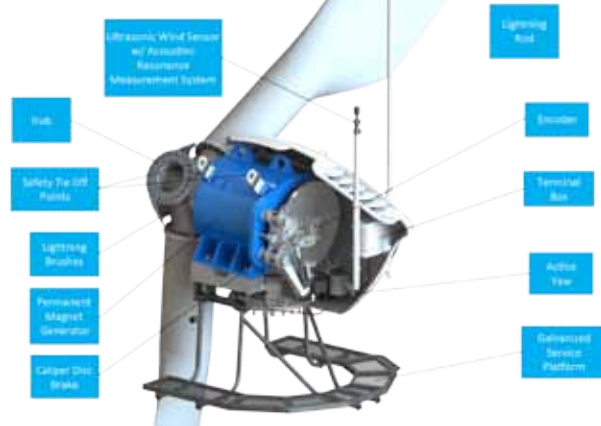
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## XZERES 50

### Clean, Quiet, Efficient Energy

Engineered and manufactured in the USA, the XZERES 50 is built on the same innovative, gearless architecture that is at the heart of each XZERES turbine. The XZERES 50 comes equipped with Permanent Magnet/Direct Drive Technology that eliminates the need for a gear box and reduces the number of moving parts resulting in improved performance, increased reliability and decreased maintenance and repair problems. By focusing on performance and reliability, the XZERES 50 produces a low lifetime cost of energy – generating a significant return on investment.



## RELIABLE

Focused on distributed scale wind, the XZERES team understands the needs of our customers. From the drawing board to the assembly line, our turbines are designed, engineered, manufactured and priced to be an easy fit for your micro grid applications, farm, school or business sites.

The XZERES 50 is designed to meet IEC 61400-2 global specifications. Strict inspections are performed on all parts and each turbine is fully tested to ensure superior quality. A five-year warranty comes standard with every XZERES 50 turbine to cover manufacturing defects and workmanship. For heightened productivity, a required remote, web-based monitoring system allows XZERES to remotely access real-time performance data and perform online service operations to reduce downtime.

## THE RIGHT SUPPORT

XZERES has been installing turbines across the globe since 2010. Our network of certified dealers and installers work locally to help manage every aspect of your project. Whether you're looking for assistance with project or site development, financing and leasing options or building a complete turn-key solution, XZERES has a full staff of qualified personnel and services to ensure your energy goals are met and your project is a success.

