

Exceptional Standards For Mechanical Quality

MADE in the USA

XZERES Corporation engineers, manufactures and distributes wind energy and power efficiency solutions. Publicly traded and funded, XZERES is dedicated to providing security against tomorrow's higher priced energy economy with intelligent power production and use of energy.

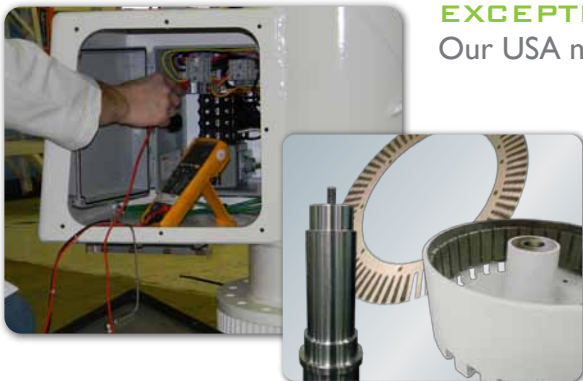
DESIGNED TO MEET GLOBAL CERTIFICATIONS

CE marked, our XZERES Wind Systems are designed to meet global certifications. Our XZERES 442SR-M turbines are compliant with marine industry standards including MCS/ IEC 61400-2 Compliant Class – 2 Design. All system finishes are ISO 12944 C5M, the controller enclosure is corrosion resistance and compliant with Nema 3X. The alternator winding insulation system, MIL I 17060E (SH) uses MIL I 2492/8 epoxy insulating resin.



EXCEPTIONAL PRODUCT QUALITY

Our USA made components are made of the best material.



- High Quality Stainless Steel Stator Back Plate
- Stainless Steel Rotor Shaft
- Lamination Designed for Low Breakaway Torque & Low Core Loss
- Permanent Magnets – Uses high end rare earth materials used for state of the art generators/alternator

WEATHERED FOR 20 YEAR SERVICE LIFE

- Standard System Corrosion Resistant
- Marine Version Suitable for Coastal Applications
- Best Warranty in the Industry



XZERES BLADES – MADE TO LAST

Our composite blades are made to last in any climate condition. Each are inspected for quality assurance then re-inspected upon arrival at XZERES.

**Close Relationship with Supply
Chain to Ensure Quality Control**

Exceptional Standards For Quality Electronics



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XZERES ALL WEATHER CONTROLLERS

- High Quality, Corrosion Resistant Encloser
- Robust Electronics for Heavy Duty Reliability
- State of the Art Controller Software for Performance Optimization
- Advanced Telematics for Remote Monitoring

SUPERIOR ALTERNATOR QUALITY

Strict inspection is performed on all alternators upon arrival from our suppliers for quality assurance. Each alternator is individually re-tested to check voltages, air gap and startup torque. Assembled with Class H insulation and Epoxy coated magnets, XZERES alternators are of superior quality.



ATTENTION TO DETAIL

All components go through a rigorous inspection process. Final packing is verified for contents & accuracy.



SMA WIND BOY INVERTERS

- The XZERES Choice for Certified Grid Connect

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