

XZERES 442SR

TECHNICAL SPECIFICATIONS

Model	XZERES 442SR
Rotor Diameter	7.2 m
Rated Power	10 kW @ 11 m/s
Peak Power	12 kW
Cut-in Speed	3.5 m/s
Blades	3-blade, upwind
Body	Ductile iron casting steel and composite
Alternator	3 phase, neodymium permanent magnet
Tower-top Weight	725 kg
Sound Level	40 dB(A) @ 135m
Output Interface	
Single Phase	220-240 VAC 50/60 Hz
Three Phase	400Y240 VAC, 50 Hz

DESIGNED FOR ALL OR MOST OF RURAL FARM'S ENERGY NEEDS

Small Rural Farm = 24000 kWh/Annual Consumed
House, Barn
Irrigation System

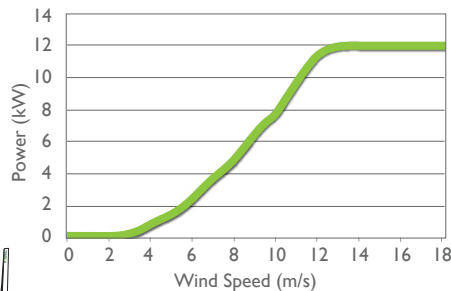
XZERES Smart = 300+ kWh/month Optimizer 1000+
Up To 25% Energy Savings

XZERES 442SR = 37,000 kWh/Annual Produced
7 m/s Average Wind Speed
* Estimated

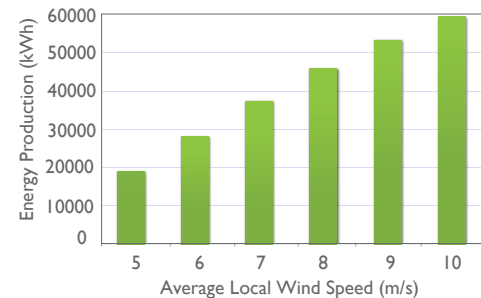
XZERES Wind manufactures wind energy systems built from the ground up for performance, reliability and value. It features an elegant design with minimal moving parts to reduce maintenance and operate quietly. A reliable, efficient source of renewable energy, the XZERES solutions cover a broad range of applications, including residential, commercial, remote energy supply, community power, island electrification, telecom, hybrid, and speciality solutions.



POWER OUTPUT



ESTIMATED ANNUAL ENERGY OUTPUT



XZERES 442SR-M

Features additional corrosion protection for coastal marine applications. Surface finishes, fasteners, and electrical enclosures are compliant with industry standards for marine, estuary, and coastal environments with high salinity, but are not intended for direct spray or submersion.

EFFICIENT, CLEAN PHASE TECHNOLOGY

XZERES 442SR systems include the Smart-Optimizer 1000+ Power Efficiency device which can lower business and residential energy consumption by up to 25 percent.

WiFi AND WEB ENABLED

The next generation stall-regulating controller is web enabled and Wi-Fi accessible from a home computer or handheld device.

48V BATTERY CHARGING SYSTEM

Includes wind turbine, battery charge controller, diversion load, service disconnect switch and lightning/surge protection.

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