

windxon®

WIND2000
WIND2500



WIND TURBINE

WINDXON

WINDXON - IT'S MORE THAN A TURBINE - IT'S AN INVESTMENT IN THE FUTURE

Windxon is a brand of modern vertical-axis turbines, designed and manufactured by K500 – a Polish leader in the renewable energy sector. We create robust, efficient, and aesthetically pleasing solutions, designed for long-term, trouble-free operation in all conditions – for both individual and business customers.

The Wind2000 - Wind2500 models are wind turbines designed for residential, commercial, and agricultural applications. Thanks to their VAWT (vertical axis of rotation) design, they start operating at wind speeds as low as -2 m/s. They operate quietly, stably, and are easy to integrate with off-grid and on-grid systems. The turbines are available as complete systems, equipped with a regulator, control system, and integrated emergency brake.



Windxon turbines have been optimized using advanced CFD (Computational Fluid Dynamics) simulations, enabling high efficiency and stable, safe operation even in variable wind conditions.



TECHNICAL PARAMETERS

	WIND2000	WIND2500
Turbine power	2000W	2500W
Rotor diameter	1748mm	2000mm
Turbine height	2500mm	2500mm
Starting speed	2,5 m/s	2,5 m/s
Rated speed	15 m/s	15 m/s
Total weight	145 kg	155 kg
Wings and arms	Aluminum construction, durability tested in extreme conditions	
Brake	Electromagnetic	
System pracy	Off Grid / Hybrid / On Grid	
Controller	Microprocessors	
Generator output voltage	AC 300V	
Noise level according to the standard PN-EN61400-11	<46 db at 8m/s at 60m	
Operating temperature	from -40°C to 70°C	
Anti-corrosion protection	PC paint coating	
Type of masts	Concrete and metal columns, trusses, and roof bases. Custom-made structures available.	
Mast dimensions	from 2 to 25m	
Compliance with the standard	CE, IEC 61400 - 2, 61400 - 11	
Turbine warranty	2 years	