

1200W Horizontal Wind Turbine

WinG 1200 Series

The new EnSmart WinG 1200 is a high quality, extremely durable, highly efficient and superior performance wind turbine. It converts the wind energy into electrical energy in the most efficient way.

With its specially developed no-noise wings are made of 100% fiberglass, In case the wind speed reaches over 3 m/s, the turbine rotates freely and generates electricity, exceeding this holding torque.



Application

- Commercial and Industrial
- Residential and Resort
- Agricultural
- Remote Areas
- On-Grid and Off-Grid Power

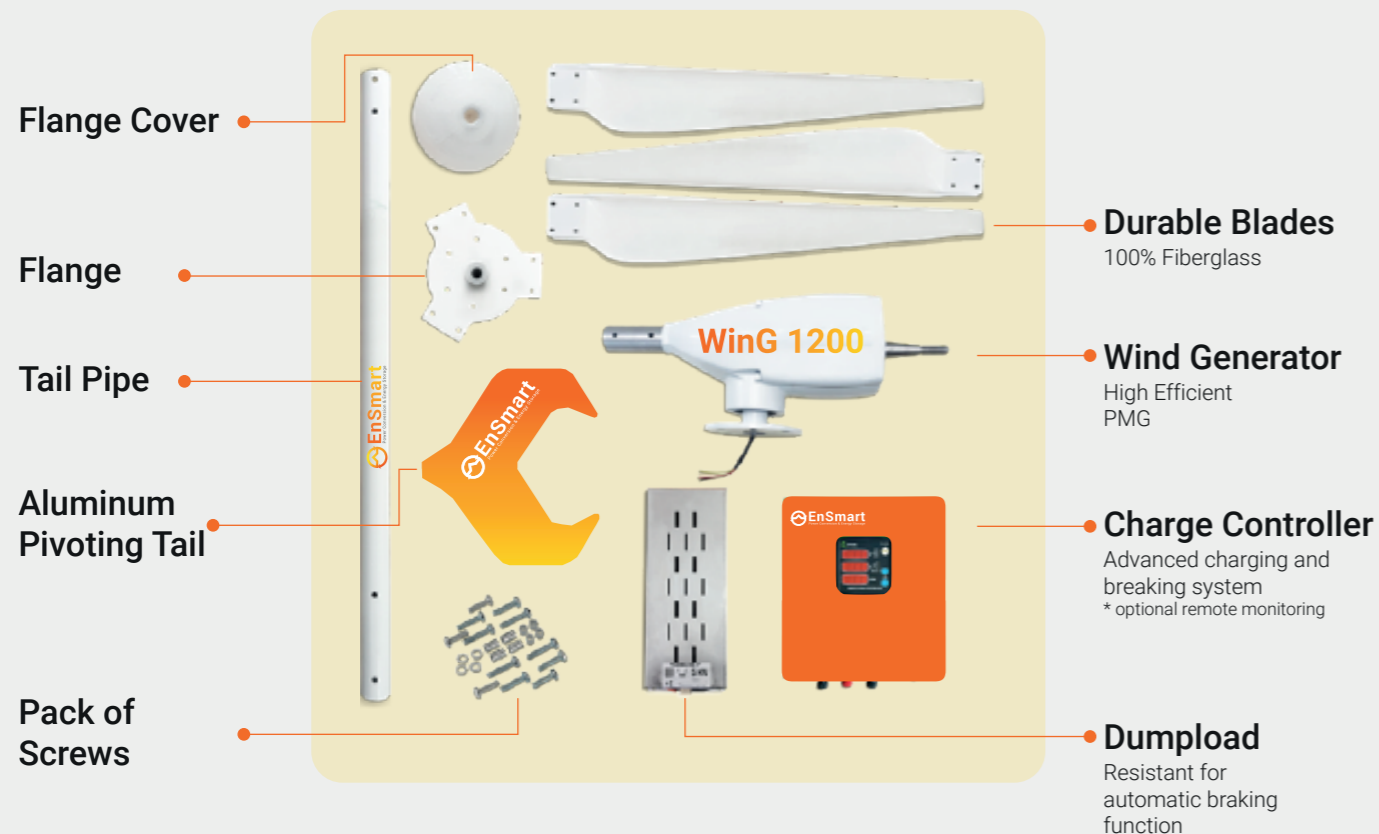
Key Benefits

- Energy cost savings from wind generated power
- No scheduled maintenance
- Designed to reliably operate in harsh cold & hot climates
- Operation creates virtually no environmental impact
- Cost-effective and financially viable

Technical Data

WinG 1200 Wind Turbine

Rated Power	1200 W (at 12 m/s)	Blade Diameter	1,880 m
Type	3 blades, horizontal	Swept Area	2,77 m ²
Generator	Permanent magnet, brushless, gearless,	Blade Material	100% Fiberglass
Housing Material	Aluminium	Weight per rotor blade	500 g
Operating Voltage	0 - 90 AC	Hub Flange	Cast Steel
Current	3-Phase-AC	Starting wind speed	3 m/s
Total Turbine Mass	25 kg	Charging wind speed (Approx)	4 m/s
Max. Noise	30 dB	Max. RPM	600
Life Expectancy	>30 Years	Wind Tracking Direction	360°
Warranty	2 Years	Braking Method	EM Brake
European Directives	Machinery Directive (2006/42/EC)	European Standards	EN IEC 61400-2:2014
	Low Voltage Equipment Directive (2014/35/EU)		EN 60204-1:2018
	Electromagnetic Compatibility Directive (2014/30/EU)		EN ISO 12100:2010
			EN IEC 61000-6-1:2019
			EN IEC 61000-6-2:2019



Highlights

