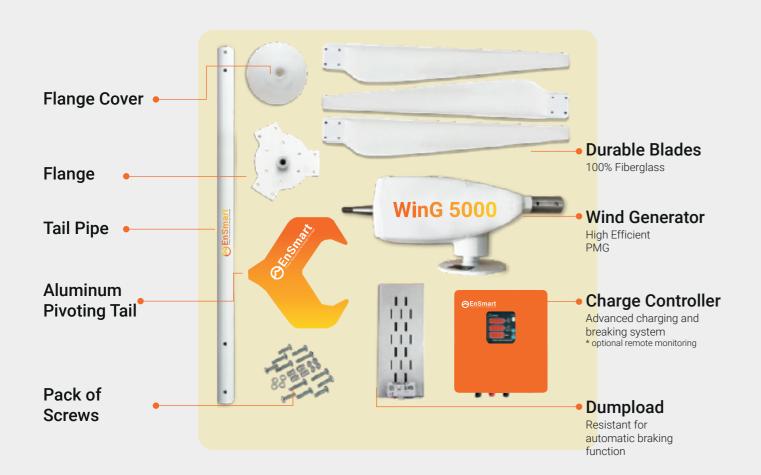
5000W Horizontal Wind Turbine

# WinG 5000 Series

The new EnSmart WinG 5000 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.

Swith its pecially 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 electricty, 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 5000 Wind Turbine**

Rated Power	5000 W (at 12 m/s)
Туре	3 blades, horizontal
	Permanent magnet, brushless, gearless,
Generator	Maintanence-free
Housing Material	Aluminium
Operating Voltage	0 - 90 AC
Current	3-Phase-AC
Total Turbine Mass	70 kg
Max. Noise	30 dB
Life Expectancy	>30 Years
Warranty	2 Years
<b>European Directives</b>	Machinery Directive (2006/42/EC)
	Low Voltage Equipment Directive
	(2014/35/EU)
	Electromagnetic Compatibility Directive
	(2014/30/EU)

Blade Diameter	2,813 m
Swept Area	6,15m
Blade Material	100% Fiberglas
Weight per rotor blade	1200 g
Hub Flange	Cast Stee
Starting wind speed	3 m/s
Charging wind speed (Approx)	4 m/s
Max. RPM	600
Wind Tracking Direction	360
Braking Method	EM Brake
European Standards	EN IEC 61400-2:2014
	EN 60204-1:2018
	EN ISO 12100:2010
	EN IEC 61000-6-1:2019
	EN IEC 61000-6-2:2019

# Highlights





