

## 2000W Horizontal Wind Turbines MS-WT2000



### Product features:

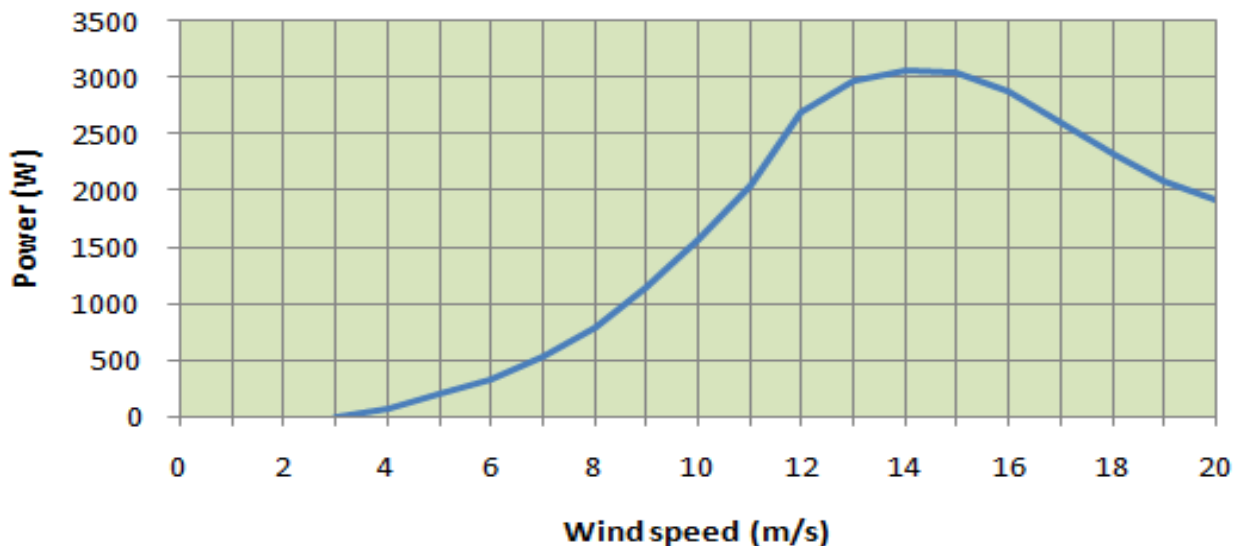
- Excellent power output performance during the common wind speed between 5m/s and 9m/s
- High efficient synchronized PMG generator with low starting torque
- Lower RPM rotational speed avoid the risk of over speed malfunction and bring lower noise emission
- Dual brake protection systems as reliable passive self-furling and electromagnetic brake
- Equipped with high quality NSK brand sealed bearing
- Long lifespan design by using superior aluminum alloy and cast steel in accurate die-casting tech and the anti-corrosion treatment for all kinds of circumstances.

**Technical Specification:**

<b>Performance</b>	
Rated power	2000W @11m/s
Peak power	3000W
Start-up wind speed	3m/s
Working wind speed	3.5-20m/s
Survival wind speed	40m/s
<b>Rotor</b>	
Rotor diameter	3.2m
Swept area	8.04m <sup>2</sup>
Blade	3pcs reinforced fiber glass
Blade length	154cm
Shell material	precision steel
Rated RPM	380
Weight	75KG
<b>Others</b>	
Generator type	3-phase AC PMG
Speed regulation & protection	yawing + electromagnetic brake
Rated voltage	DC 48-300V
Suggested battery capacity	4pcs 200AH/12VDC
Tower type	6m guyed cable / 7m free standing
Working temperature	-40-60°C

**2. Power Curve:**

**MS-WT2KW Power curve**



### 3.Structure

