



# Turbo3300



## efficient , durable, reliable

Tumurly® Turbo3300 is an extremely durable and efficient wind turbine of the latest generation. The generator body is equipped with aluminium cooling fans. The maintenance-free sliding contact guarantees a good current flow and thereby no twisting of the cable in the pole. Turbo3300 wind turbine has a permanent magnet generator having strong N42 neodymium magnets with steel slots inside. In case the wind speed is over 3 m/s, the turbine will be rotating freely by exceeding this holding torque. The wind turbine generates AC Electricity to charge your DC batteries or to feed an on-grid inverter to be connected to Grid.

## technical data

Rated Power	3300 W (at 15 m/s)	Blade Diameter	2,80 m
Type	3 blades, horizontal	Swept Area	6,15 m <sup>2</sup>
Generator	Permanent magnet, brushless, gearless, maintenance- free	Blade Material	Composites
Housing Material	Aluminium	Weigh per rotor blades	1200 g
Operating Voltage	0 - 90 AC	Hub Flange	Cast Steel
Current	3-Phase-AC	Starting wind speed	3,5 m/s
Total Turbine Mass	35 kg	Direction	in a clockwise direction
Max. Noise	60 dB	Max. RPM	1200
Life Expectancy	>20 years	Starting wind speed	3 m/s
Warranty	2 Years	Furling Method	EM Brake
<b>Turbine Test Standarts</b>		<b>European Standarts</b>	
European Directives	Machinery Directive (2006/42/EC)		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

## application

- Commercial and Industrial
- Residential and Resort
- Agricultural
- Remote Communities
- Off-Grid Power

**Tumurly® Wind**  
Distributed 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

### Tumurly Headquarter

Reşitpaşa Mah. Katar Cad. Teknokent Arı-4, No:2/50/6, Sarıyer, İstanbul  
Turkey, mail : sales@tumurly.com