

Turbo600



efficient , durable, reliable

Tumurly® Turbo600 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. Turbo600 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	600 W (at 15 m/s)	Blade Diameter	160 cm
Type	3 blades, horizontal	Swept Area	2 m ²
Generator	Permanent magnet, brushless, gearless, maintenance- free	Blade Material	Composites
Housing Material	Aluminium	Weigh per rotor blades	350 g
Operating Voltage	0 - 90 AC	Hub Flange	Cast Steel
Current	3-Phase-AC	Starting wind speed	3,7 m/s
Total Turbine Mass	12 kg	Charging wind speed (Approx)	4 m/s
Max. Noise	50 dB	Max. RPM	1200
Life Expectancy	>20 years	Wind Tracking Degree	360°
Warranty	2 Years	Breaking Method	EM Brake
Turbine Test Standarts		European Standarts	
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
On-Grid and 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