


600W Wind Turbine Specifications

Model Name	IDEAL 600W	
Model Number	X-600	
Wind turbine type	Horizontal axis, up-wind	
Rotor diameter	1850mm	
Net weight	15 kg	
Tower diameter	48-50 mm	
Blades number	3	
Blades material	Carbon fiber reinforced plastic	
Blades mass	660g /pcs	
Body material	Aluminum high pressure diecast	
Body construction	Inside screw joint	
Product finish	Clamp-based Thermosetting powder coating	
Tower Connection	bolt-on clamp	
Start up wind speed	2 m/s	
cut in wind speed	2.5m/s	
Survival wind speed	50m/s	
Rated Power	600W (12.5m/s)	
Rated Rotor Speed	800 rpm	
Maximum power	700W (15m/s)	
Working Temp. range	from -40°C to 60°C	
Product Life (years)	15	
The sound pressure level	LAeq 35dB @ 5m/s @ 5m behind rotor (an air density of 1,225 kg/m ³)	
Generator	Synchronous-type, three-phase power generator with neodymium iron boron magnets	
Rated Output voltage	Off grid 24V or 48V DC ;on grid 48V DC	
Braking system	Electro-magnetic & blade over speed aerodynamic braking system	
Yaw control	360 degree free yaw	
Direction control	Tail tracing	
Control system	Brake mode	
	safty control	
	Anti-island control (when grid tie)	
Recommend ed system	Off grid: deep cycle lead acid battery	
	On grid, pls contact your dealer	
<p>Note: At cut-in wind speed, it produces power, but it requires higher wind speed to charge battery or transfer to grid</p>		

CE Certified -European Conformity

EN-61400-2; EN ISO 14121-1 Wind Turbine Safety

EN 60034-1 Rotating electrical machines requirement

EN 61000-6-1;EN 61000-6-3 Electromagnetic Compatibility,immunity for residential,commercial and light industrial environments.

X-600 Description:

- Silent & Vibration Free
- Light & Compact
- Perfect for Backup Power

Our products are designed to achieve high standards of quality while being affordable to all. The X600 is the most versatile product of our range. This wind turbine was created to supply energy on every installation. Innovative technologies make this model suitable for housing, yachting or for any appliances that need backup power. The X600 wind generator is the perfect compromise to start your own electricity production

10 Features

- ※ Low noise & vibration
- ※ Low start-up wind speed
- ※ High efficiency at low wind speed
- ※ 600 W rated power
- ※ Lightweight
- ※ Carbon fibre composite blades
- ※ Aerodynamic body design
- ※ Anti-rust, Anticorrosion & Long life span
- ※ Easy install & Maintenance-Free

Recommended uses

- Backup power
- Housing
- Billboard advertising
- Solar wind hybrid system
- Monitoring station

Output power:

