



S Type wind turbine



Product features

- 1.Low start up speed, 3 or 5 blades optional for different wind speed areas,high wind energy utilization;
- 2.Easy installation, tube or flange connection optional;
- 3.Blades using new art of precision injection molding , matched with optimized aerodynamic shape and structure,which enhance the wind energy utilization and annual output;
- 4.Body of casting aluminum alloy, with 2 bearings swivel , making it survive stronger wind and run more safely;
- 5.Patented permanent magnet ac generator with special stator,effectively reduce torque, well match the wind wheel and generator, and ensure the performance of whole system;
- 6.Controller,inverter can be matched accroding to customers' specific needs.

Technical parameter

Model	NE-100S	NE-200S	NE-300S	NE-400S
Rated power	100W	200W	300W	400W
Maximum power	130W	220W	310W	410W
Rated voltage	12V/24V	12V/24V	12V/24V	12V/24V
Start up wind speed	2.0m/s	2.0m/s	2.0m/s	2.0m/s
Rated wind speed	10m/s	11.5m/s	13m/s	13m/s
Survival wind speed	55m/s	55m/s	50m/s	50m/s
Top net weight	6kg	6.2kg	6.5kg	6.8kg
Wheel diameter	1.2m	1.3m	1.35m	1.4m
Blades number	3/5			
Blades material	Nylon fiber			
Generator	Three phase permanent magnet ac generator			
Magnetic steel	NdFeB			
Generator case	Die-casting aluminum			
Control system	Electromagnet			
Speed regulation	Automatically adjust windward			
Working temperature	-40°C ~ 80°C			

Remarks: above data are for sales reference,not as part of contract,the company reserves the right to make changes without any further notice.

The forces of nature,leads to new course of energy