

M 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 according to customers' specific needs.

Technical parameter

Model	NE-300M	NE-400M
Rated power	300W	400W
Maximum power	320W	410W
Rated voltage	12V/24V	12V/24V
Start up wind speed	2.0m/s	2.0m/s
Rated wind speed	11m/s	11.5m/s
Survival wind speed	50m/s	50m/s
Top net weight	9.2kg	9.5kg
Wheel diameter	1.35m	1.55m
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

NAIER WIND POWER