



NAIER WIND POWER

## M5 Type wind turbine



### Product features

1. Low start up speed; high wind energy utilization; beautiful appearance; low vibration;
2. Human friendly design, easy installation, maintenance and repair;
3. Precise injection molding blades together with the optimized design of aerodynamic contour and structure, the blades have such advantages: high utilization of wind energy which contributes to the annual energy output;
4. the generators, adopting patented permanent magnet rotor alternator, with a special kind of stator design, efficiently decrease resistance torque. Meanwhile, it makes the wind turbines match the generators quite well and increase its reliability;
5. Aluminum alloy body, anti-corrosion treatment, resistant to acid and alkali, applicable in salty environment.

### Technical parameter

Model	NE-800M5	NE-1000M5
Rated power	800W	1000W
Maximum power	820W	1050W
Rated voltage	24V/48V	24V/48V
Start up wind speed	2.5m/s	2.5m/s
Rated wind speed	12m/s	12.5m/s
Survival wind speed	40m/s	40m/s
Top net weight	29kg	30kg
Wheel diameter	2.2m	2.4m
Blades number	3	
Blades material	Reinforced glass 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

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