



NAIER WIND POWER

## M2 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-400M2	NE-500M2	NE-600M2
Rated power	400W	500W	600W
Maximum power	420W	520W	610W
Rated voltage	12V/24V	24V/48V	24V/48V
Start up wind speed	2.5m/s	2.5m/s	2.5m/s
Rated wind speed	11m/s	11.5m/s	12m/s
Survival wind speed	45m/s	45m/s	45m/s
Top net weight	14.5kg	15kg	15.5kg
Wheel diameter	1.75m	1.75m	1.75m
Blades number	3		
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

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