



NAIER WIND POWER

L Type wind turbine



■ Product features

1. Casting aluminum alloy body, compact, little vibration;
2. Excellent output, 900w at 8m/s;
3. Easy installation, tube or flange connection optional;
4. Reinforced glass fiber blades, matched with optimized aerodynamic shape and structure, which enhance the wind energy utilization and annual output;
5. Tail adopts mechanical yaw technique, making it survive storm and run safely;
6. 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;
7. Controller, inverter can be matched according to customers' specific needs.

■ Technical parameter

Model	NE-1000L	NE-1500L	NE-2000L	NE-2500L
Rated power	1000W	1500W	2000W	2500W
Maximum power	1200W	1700W	2300W	2800W
Rated voltage	24V/48V	48V/96V	48V/96V	48V/96V
Start up wind speed	2.5m/s	2.5m/s	2.5m/s	2.5m/s
Rated wind speed	11m/s	11m/s	11m/s	11m/s
Survival wind speed	45m/s	45m/s	45m/s	45m/s
Top net weight	45kg	50kg	55kg	60kg
Wheel diameter	2.9m	3.2m	3.7m	4.7m
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/ wind wheel yaw			
Speed regulation	Automatically adjust windward			
Working temperature	-40°C ~ 80°C			
Lubrication	Grease injection			

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