

G Type wind turbine



Product features

1. Carbon steel body, compact, safe;
2. Reinforced glass fiber blades, matched with optimized aerodynamic shape and structure, which enhance the wind energy utilization and annual output;
3. 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;
4. Tail adopts mechanical yaw technique, making it survive storm and run safely;
5. With epoxy zinc rich primer and polyurethane anti-corrosion treatment, be ultraviolet-proof, acid rain resistant, salt resistant;
6. Intelligent automatic grease injection, which ensure flexible running and durable life.

Technical parameter

Model	NE-3k	NE-5k	NE-10k
Rated power	3kW	5kW	10kW
Maximum power	3.5kW	5.5kW	12kW
Rated voltage	48V/96V/120V	96V/120V/240V	96V/120V/220V/360V
Start up wind speed	2.5m/s	2.5m/s	2.5m/s
Rated wind speed	11m/s	11m/s	11m/s
Survival wind speed	45m/s	45m/s	45m/s
Top net weight	205kg	285kg	400kg
Wheel diameter	5.2m	6.1m	7.5m
Blades number	3		
Blades material	Reinforced glass fiber		
Generator	Three phase permanent magnet ac generator		
Magnetic steel	NdFeB		
Generator case	Carbon steel		
Control system	Electromagnet/ wind wheel yaw		
Speed regulation	Automatically adjust windward		
Working temperature	-40℃ ~ 80℃		
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