


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. With epoxy zinc rich primer and polyurethane anti-corrosion treatment, be ultraviolet-proof, acid rain resistant, salt resistant

Applications: Home, no electricity area and other outdoor place and so on....

Parameter of 50kw wind turbine

Model	FT-50K	
Rated power	50kw	
Maximum power	53kw	
Rated voltage	380v	
Start-up wind speed	3m/s	
Rated wind speed	10m/s	
Survival wind speed	45m/s	
Wheel diameter	15.5m	
Number of blades	3	
Blades material	Reinforced glass fiber	

Generator type	Three phase permanent magnet AC synchronous generator
Magnet material	NdFeB
Generator case	Carbon steel
Control system	Electronically controlled yaw protection
Working temperature	-40°C - 80°C
Certificates	CE, ISO14001, ISO 9001

<p style="text-align: center;">Generator</p> 	<p>Type of generator: Permanent-magnet 3-phase A.C.</p> <p>Stator: Silicon steel sheet</p> <p>Magnet steel: NdFeB</p> <p>Wire package: Copper wire</p> <p>Brake device: Electrically controlled</p> <p>The photo is for reference only, for different order, the hub design is a little differences.</p>
<p style="text-align: center;">Blades</p> 	<p>Material of blades: High efficiency FRP material, ultraviolet prevention rosin, plus unidirectional high strength glass fiber, modernization craft vacuum cast technique synthesis.</p> <p>Number of blades: 3PCS</p> <p>Diameter of blade: 15.5M</p>
<p style="text-align: center;">Packing</p>	<p>PLYWOOD CASE</p>