

NE-2kw H plus Wind Turbine



Introductions

NE-H plus designed with Maglev and Darrieus technology. Combined with aerodynamics and fluid dynamics, calculated by super computer, tested by wind tunnel, long time tested by nature wind, NE-H plus is a high efficiency wind turbine which operates stably.

NE-H plus is made of light weight aluminum alloy, titanium alloy and stainless steel fasteners. Owing to the advanced maglev technology and the power of super magnets. NE-H plus starts with low wind speed and works stably. Also it works more quietly and safety. When driven by wind, magnetic induction line was cut by coil, and thus AC is generated.

NE-H plus are not affected by the direction of the wind, which is useful in areas where the wind changes direction frequently and quickly. Unlike traditional horizontal axis wind turbines, a yaw mechanism is not needed to turn the wind turbine towards the wind. Because of this VAWT outperform horizontal axis wind turbine in areas where a tall tower isn't feasible.



Model	NE-2kw H plus
Performance	
Rated Power	2000w
Max Power	2200w
Start Wind Speed	3m/s
Rated Wind speed	11m/s
Working Wind Speed	3-25m/s
Safety Wind speed	25m/s
Physical Parameters	
Blades Height	3.6m
Blades Rotor Diameter	2.1m
Blades Material&Quantity	Aluminum Alloy
Generator Parameters	
Generator Type	Three phase permanent magnet ac synchronous generator/maglev/out rotor
Rated speed	250r/m
Option Voltage	48/96/220/240v
Protection Method	Electromagnetic
Protection Grade	IP54
Working Temperature	From-40°C-80°C
Life time	20 Years

Power curve

