

Jiangsu Naier Wind Power

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,longtime 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.Owning 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.

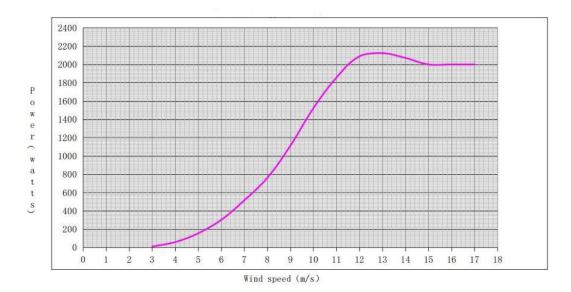
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Model	NE-2kw H plus
Performance	
Rated Power	2000w
Max Power	2200w
Start Wind Speed	3m/s
Rated Wind speed	11m/s
Working Wind Speed	3-25m/s
Safety Wind speed	25m/s
Physical Parameters	
Blades Height	3.6m
Blades Rotor Diameter	2.1m
Blades Material&Quantity	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℃-80℃
Life time	20 Years

Power curve



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