

Vertical Axis Wind Turbine (VAWT)

---James Meng

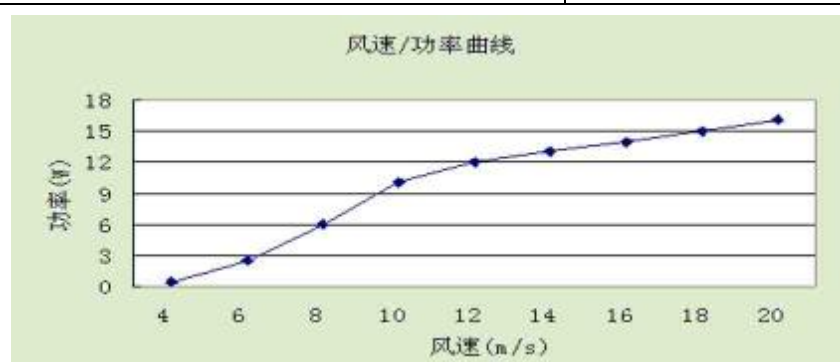
The pivot of VAWT is vertical to the round. Comparing with horizontal axis wind turbines (HAWT), It has advantages such as lower noise, and can be used in both rural and urban areas given the local wind and site conditions fit. Public lighting, monitor controlling system, oil fields and other city facilities and commercial purposes could use our products as well. Because wind directions don't affect the function of the equipment, so it works even better on yachts, islands, offshore oil fields where wind is more turbulent.



Our types

MWP-10

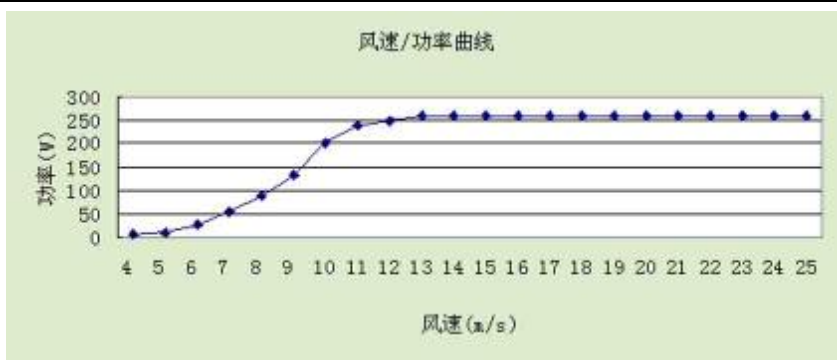
Mill diameter: 30cm	Blade length: 30cm
Working wind speed: 4-20m/s	Rating wind speed: 10m/s
Safe wind speed: 40m/s	Rating power: 10w
Rating out put: DC 12V	



MWP-200

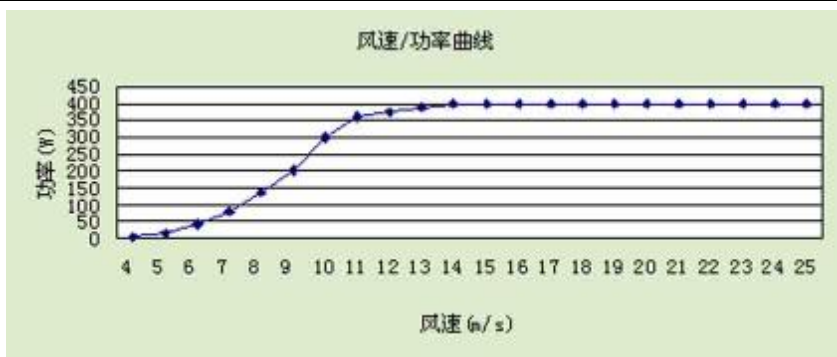
Mill diameter: 138cm	Blade length: 90cm
Working wind speed: 4-25m/s	Rating wind speed: 10m/s
Safe wind speed: 40m/s	Rating power: 200w
Rating out put: DC 12V	Governed speed style: Dump load
Brake style: Mechanism	Pillar hight: 5.5m

Net weight: 70kg (No pillar)



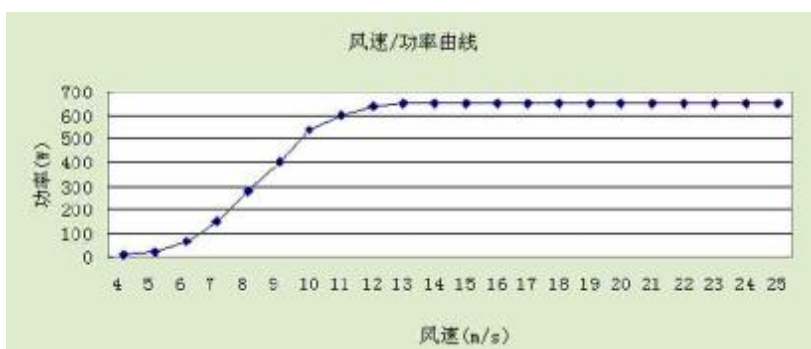
MWP-300

Mill diameter: 138cm	Blade length: 130cm
Working wind speed: 4-25m/s	Rating wind speed: 10m/s
Safe wind speed: 40m/s	Rating power: 300w
Rating out put: DC 24V	Governed speed style: Dump load
Brake style: Mechanism	Pillar hight: 5.5m
Net weight: 90kg (No pillar)	



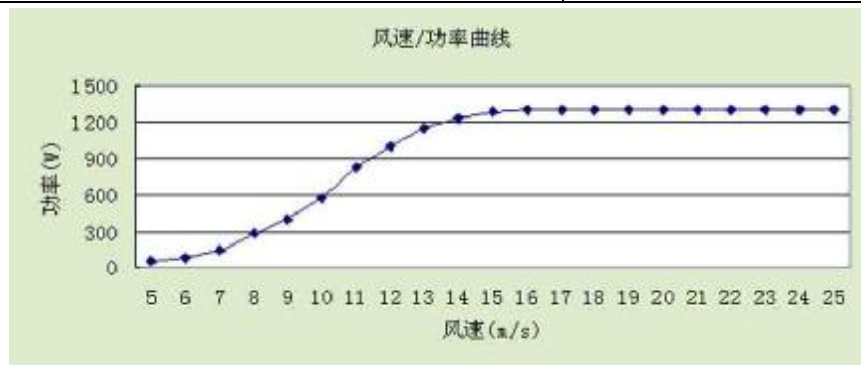
MWP-500

Mill diameter: 138cm	Blade length: 220cm
Working wind speed: 4-25m/s	Rating wind speed: 10m/s
Safe wind speed: 40m/s	Rating power: 500w
Rating out put: DC 24V	Governed speed style: Dump load
Brake style: Mechanism	Pillar hight: 5.5m
Net weight: 130kg (No pillar)	



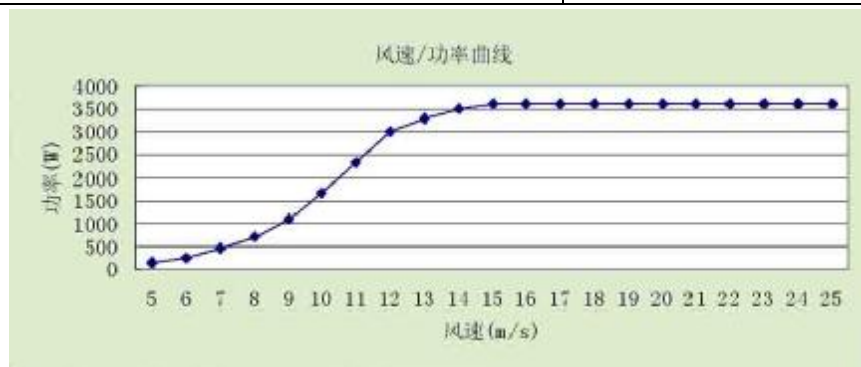
MWP-1000

Mill diameter: 180cm	Blade length: 200cm
Working wind speed: 4-25m/s	Rating wind speed: 12m/s
Safe wind speed: 45m/s	Rating power: 1000w
Rating out put: DC 48V (off-grid) DC 200~400V	Governed speed style: Dump load
Brake style: Mechanism	Pillar hight: 5.5m
Net weight: 160kg (No pillar)	



MWP-3000

Mill diameter: 300cm	Blade length:360cm
Working wind speed: 4-25m/s	Rating wind speed: 12m/s
Safe wind speed: 50m/s	Rating power: 3000w
Rating out put: DC 48V (off-grid) DC 200~400V (in-grid)	Governed speed style: Aerodynamics
Brake style: Mechanism	Pillar hight: 5.5m
Net weight: 500kg (No pillar)	



MWP-10K

Mill diameter: 600cm	Blade length: 620cm
Working wind speed: 4-25m/s	Rating wind speed: 12m/s
Safe wind speed: 55m/s	Rating power: 10Kw
Rating out put: DC 110V (off-grid) DC 280~580V (in-grid)	Governed speed style: Aerodynamics
Brake style: Mechanism	Pillar hight: 11m

Net weight: 1700kg (No pillar)

