

ROPATEC WindRotor



Big Star Vertical

The Ropatec WindRotor is a vertically driven wind rotor which demonstrates special product characteristics through its unique construction.

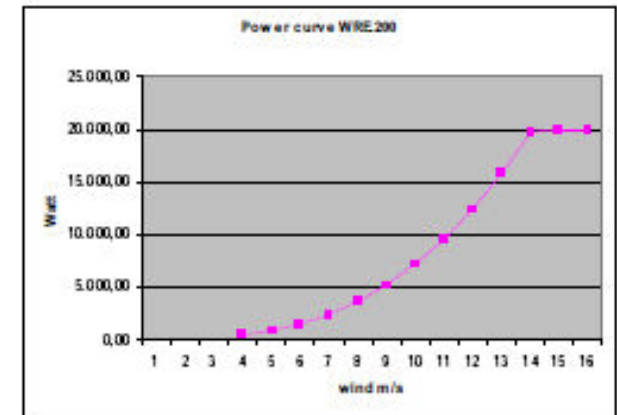
Ropatec's WindRotor Big Star Vertical can be delivered with a 380VAC on-grid inverter, a 110VDC battery charger or a 20Kw HotMax heating system.



	Independence: from the direction of the wind.
	Automatic start-up: At a wind speed of only 3 m/s.
	High wind forces: robust construction for extreme wind speeds.
	Noise-free: The WindRotor is not audible!
	Flexible: Solutions for different applications.

Technical details

Rated output 10m/s	7 Kw
Rated output 14m/s	20 Kw
Cut-in wind speed	3 m/s
Rated wind speed	14 m/s
Rotor weight	~2600 kg
Rotor size	8,5m x 4,3 m
Swept area	36,5 m ²
Brake system	Not required
Alternator	PMG 20Kw
Nominal voltage	~270 Vac
Generator poles	80



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