

# ROPATEC WindRotor



## Simply Vertical

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

Ropatec's WindRotor Simply Vertical can be delivered with a 230VAC on-grid inverter, a 48VDC battery charger or a 3Kw HotMax heating system.



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

## Technical details

Rated output 10m/s	1,1Kw
Rated output 14m/s	3Kw
Cut-in wind speed	3 m/s
Rated wind speed	14 m/s
Rotor weight	~400 kg
Rotor size	3,3 m x 2 m
Swept area	6,6 m <sup>2</sup>
Brake system	Not required
Alternator	PMG 3Kw
Nominal voltage	~180 Vac
Generator poles	32

