

Verti wind turbines with a vertical axis of rotation are the effect of combining the latest technologies with an innovative wing design. Thanks to this, our turbines can operate effectively even at lower wind speeds.

Verti wind turbines were designed and developed by Polish engineers in cooperation with leading research entities in Poland. Our production lines are localized in Zielona Góra uses modern machinery, which result into high quality of every single part of the wind turbine construction.

### Technical details of the VERTI 20 kW wind turbine

Nominal power	<b>20 kW</b>	Tower material	<b>steel</b>
Maximum power	<b>20 kW</b>	Inverter output voltage	<b>3×400 V AC</b>
Starting speed	<b>1,5 m/s</b>	Noise level	<b>38 – 43 dB</b>
Nominal wind speed	<b>12 m/s</b>	Brake	<b>electromagnetic, electromechanical</b>
Rotor diameter	<b>10 m</b>	Control	<b>microprocessor</b>
Rotor height	<b>8 m</b>	Temperatur range	<b>- 40°C ÷ + 70°C</b>
Wings material	<b>aluminium</b>	Certificate	<b>CE</b>
Number of blades	<b>5</b>	Basic warranty	<b>3 years</b>

### Verti 20 kW wind turbine set includes

- VERTI turbine [rotor]
- Inverter [max power - 20 kW]
- Protection Resistor
- Tower with height 24m (ground)
- Generator [nominal power 20 kW]
- Wind turbine switchbox
- Wind gauge - additional option

*Discover the wind power*



Weather-resistant construction



Double protection



Patented product



Proudly made in Poland



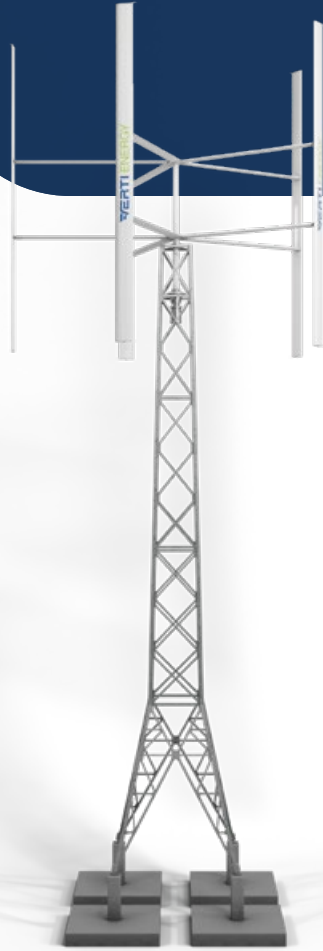
Energy production independent of wind direction



Modern desing

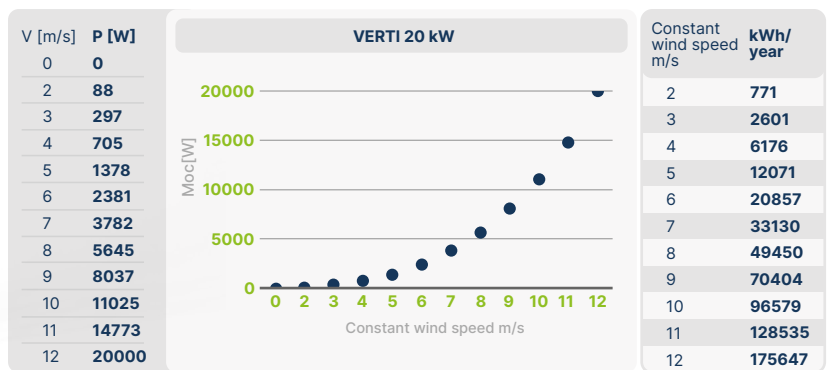


Ecological components



Verti wind turbines are perfect for both commercial and residential applications. They can be installed on the roofs of industrial buildings, hospitals or on office and multi-family buildings. It is also possible to place the turbine on the ground using a specially designed towers.

### Power diagram of 20 kW Verti turbine



### Examples of applications



Discover the wind power



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