



**Small Vertical Axis Wind Turbines VAWT**

**Very quiet**  
New Technology

**Very efficient**  
Double-rotor facility

**Best Price Guarantee**  
Purchase price / Windpower output

**Various Sizes**  
300 watts nominal power, 1.5 kW, 3 kW

**Practically anywhere**  
subject to conditions in the installation area

**Complete appliance pack**  
includes tower, battery or grid connection

**No service intervals**  
low maintenance

**Very easy assembly**  
Foundation or on a roof

**Sturdy construction**  
Steel & Aluminum

**Quality tested**  
CE, DIN, VDE, IEC

**Warranty**  
2 years



**Wind Energy**  
My Energy provides high quality and affordable solution for every application



**Small hydropower**  
My Energy has many years experience in expert team



**Biomass**  
My Energy is relying on a long-standing cooperation with a team of experts and delivers high-quality facilities in any field

[www . My - Energy .](http://www.My-Energy.com)

Sales:



**Small wind turbines with vertical axis**

WE 0.3  
WE 1.5  
WE 3.0



**My Energy**  
Best Price - Best Quality

### Technical Data:

Model:	WE 0.3	WE 1.5	WE 3.0	Einheit
Nominal Power	300	1500	3000	Watt
Rated Speed	800	250	180	rpm
Cut-in Wind Speed	2,5	2,5	2,5	m/s
Rated Wind Speed	12,0	12,0	12,0	m/s
Blades Material	eloxiertes Aluminium			
Axis	verzinkter Stahl			
Braking System	elektr.	mechanisch & elektronisch		
Generator	Permanentmagnetgenerator			
Current	DC	AC		
Voltage	12/24	220, 50 Hz		Volt
Normal Operation Conditions	Temperature -10 up to +40 °C, Humidity up to 95 %			

### Energy Production Forecast:

The actual annual energy production depends on a multitude of influences, the general wind conditions in the region, land use at the site in the immediate area, height above ground of the windturbine in relation to surrounding obstacles such as buildings and trees ... The experts from [My Energy](#) offer detailed energy production forecasts on a scientific basis owing to their considerable practical experience.

### Applications:

Whether for the independent power supply of a weekend house, running a heat pump, electric fence or environmentally-friendly electricity for your company or a demonstration installation in school, community, or on sports grounds combined with photovoltaic e.g. street lights, there are many application areas and [My Energy](#) provides the ideal matched equipment:

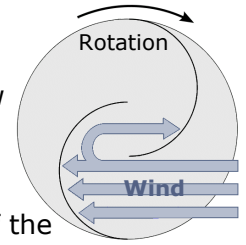
Grid coupled

Isolated Operation

Grid 220 V	Controller & Inverter	V A W T	Controller	Battery	Inverter 220 V
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Double Savonius rotor, principle invented in 1926 by Sigurd Savonius J. The special fins leads to a very low Rotor resistance at the start-up of the windmills with very low wind speed by high torque, and regardless of the wind direction, takes every gust of wind, no rotating system for the wind needed simultaneously safe from storms by separate speed limitation, total tolerance of turbulence, in addition, a good load distribution on 2 or 3 bearings reduces material stress



Triple-Darrieus rotor, principle invented in 1927 by Frenchman Georges J.M. Darrieus, Rotor boost for increasing acceleration at higher windspeed conditions, high performance coefficient i.e. high efficiency

Acceleration

Special Permanent Magnet Generator, Coreless Type, high winding factor, lower cogging torque, self-start under low wind condition, Direct-Drive without drive train, no maintenance because fully enclosed

