

superwind
In Charge of Power

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Uncompromising Quality

- High output, low noise
- 350 W at 25 knots (12,5 m/s)
- Maximum safety
- Pitch controlled rotor blades
- Cut in wind speed: 7 knots (3,5 m/s)
- Cut out wind speed: none
- Innovative design
- Compact dimensions
- Uncompromising quality
- Saltwater proof materials
- Neodymium magnets
- No vibration, no fuss
- Easy and quick to install
- Maintenance free
- Many years trouble free energy
- 3 years warranty
- World wide delivery
- Made in Germany

superwind GmbH

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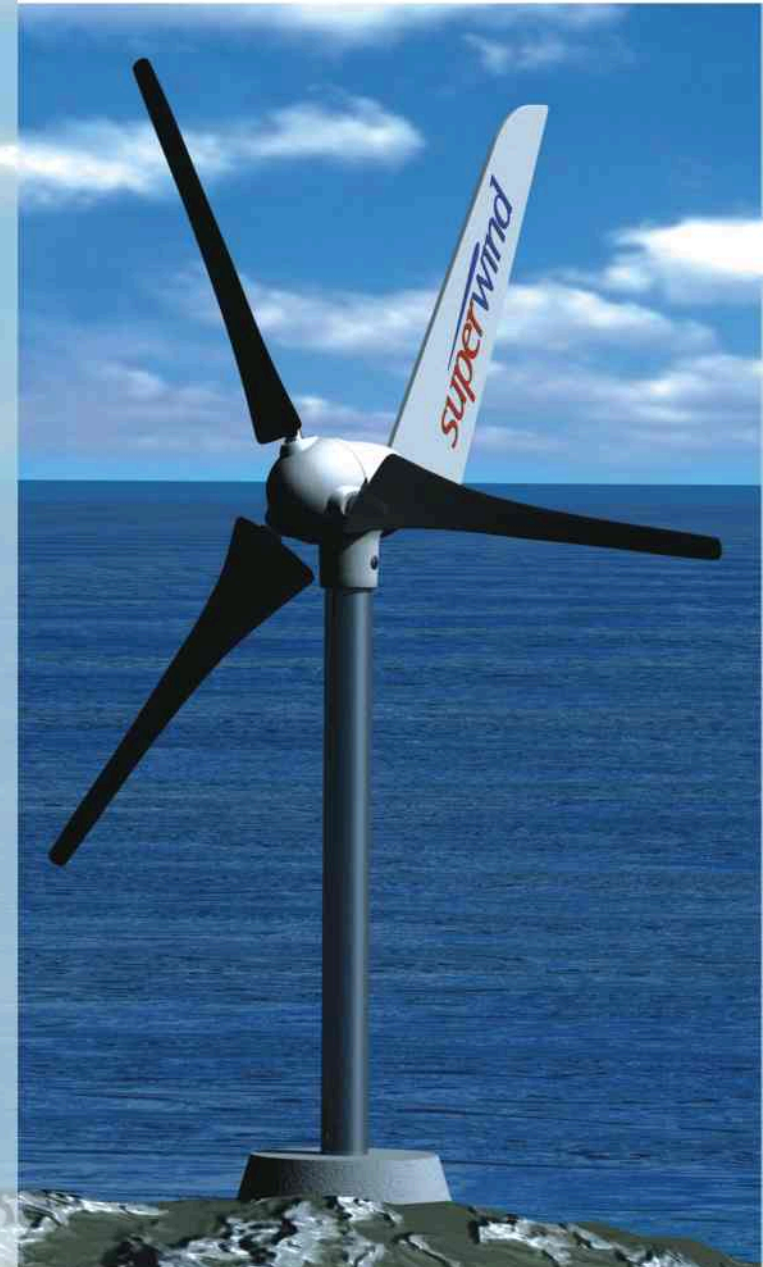
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Now you can get the real thing

For decades not only sailors have been waiting for a wind generator, that satisfies all their demands.

The future is here. At last.



Maximum performance

Superwind generators define the new standard for micro wind turbine technology. Developed and designed by engineers, active in the field of wind power for many years, the Superwind includes all the features, professional users expect today - maximum performance and uncompromising quality.

Technology you can rely on

Durability is no longer an issue. Once installed, this wind generator will be the last thing to worry about. Owing to its innovative pitch control system, the Superwind easily copes with all wind and weather conditions.

Fail safe

At high wind speeds or excessive rotor speed, its fail-safe mechanical controller automatically feathers the rotor blades, in order to limit the power output and to keep the rotor speed within the design limits.

High output - low noise

The state-of-the-art aerodynamic layout with relative low rotor speed and the pitch controlled feathering blades reduce noise emissions to a very low level.

The Superwind is significantly quieter than comparable wind generators.

Stand-alone

The Superwind is a real stand-alone wind generator for autonomous and unattended operation. It is designed for a wide range of applications and can easily be integrated into wind/PV hybrid systems.

Typical applications

- Sailing yachts
- Navigational aids
- Traffic information systems
- Measurement and transmitting systems
- Telecommunication
- Cottages
- Mountain lodges
- Rural electrification



Built to last

Superwind generators are entirely made of high grade materials, such as saltwater proof aluminium, stainless chromium steel or carbon fibre reinforced plastics.

Technical Data

Rated power	350 W
Rated wind speed	25 knots (12.5 m/s)
Cut-in wind speed	7 knots (3.5 m/s)
Cut-out wind speed	none
Rotor diameter	1.22 m
Number of blades	3
Rotor blade material	CFRP
Rotor speed	500 - 1300 rpm
Generator	Permanent magnets
Magnets	Neodymium
Voltage	12 VDC / 24 VDC
Connection	Charge regulator
Speed control	Passive pitch control
Power control	Passive pitch control
Main brake	electrodynamic
Nacelle weight	11.5 kg

