

superwind

In Charge of Power



SILENT POWER

Now even more silent !
50 % less noise and
hardly noticeable with the new
superwind silent power blades

Reliable Power - Real World Proven

For decades sailors longed for a truly durable wind generator that could hold up to "real world" conditions and still satisfy their power demand needs.

On land or for sea, the future is here. At last!



Maximum performance

Superwind generators define the new standard for micro wind turbine technology. Developed and designed by experienced wind power engineers and blue water sailors, the Superwind 350 includes all the features that professionals 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. The proven innovative pitch control system allows smooth operation even in extreme wind and weather conditions - anywhere!

Fail safe

At high wind speeds or excessive rotor speed, the fail-safe internal pitch controller automatically feathers the rotor blades, thus eliminating overcharging while maintaining rotor speeds within safe design limits.

Smooth Power - Smooth Sailing.

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 design and precise manufacturing allows the Superwind 350 to be significantly quieter than other comparable wind generators.

Stand-alone

The Superwind 350 is a proven stand-alone wind generator for autonomous and unattended operation. It is designed for a wide range of rugged applications and can also easily be integrated into wind & solar PV hybrid systems.

Typical applications

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



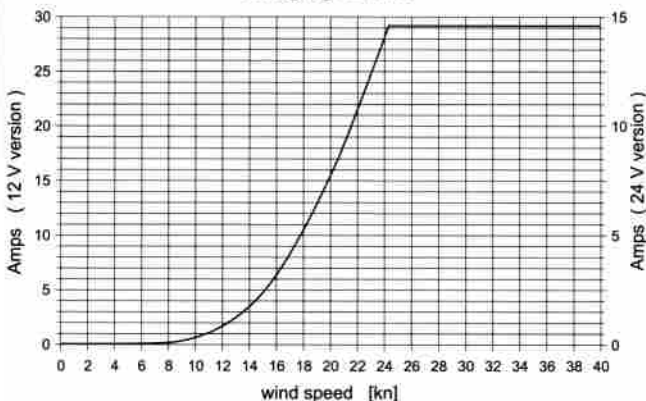
Built to last

Superwind generators are made entirely of high grade materials, such as saltwater proof aluminium, stainless chromium steel with 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 / 48 VDC
Connection	Charge regulator
Speed control	Passive pitch control
Power control	Passive pitch control
Main brake	electro dynamic
Nacelle weight	11.5 kg

Charging Current



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
- Saltwater proof materials
- Neodymium magnets
- No vibration, no fuss
- Easy and quick to install
- Zero Maintenance Design
- Durable trouble free energy
- 3 years limited warranty
- Available World Wide
- Made in Germany

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superwind GmbH

Am Rankewerk 2-4
D-50321 Brühl / Germany

Tel: +49 2232 577357

Fax: +49 2232 577368

power@superwind.com

www.superwind.com

ELTESAN

m o b i l

Bayraktar Bulvarı Nutuk Sokak No 9

Yukarı Dudullu İstanbul

t 0216 540 51 51

f 0216 540 50 70

www.eltesanmobil.com