

quality features

3-phase brushless AC-generator with permanent magnets.

Available in 12V / 24V or 48V.

Weight only 6,8kg.

Low noise emission.

With hand laminated, UV-resistant carbon fiber (CFRP) – rotor blades: successfully tested in the wind tunnel at hurricane wind-speed of 122 km/h, creating 5480 rpm with sonic velocity at the blade-tips.

Very good start-up performance due to a low cogging torque at 2,2m/s wind speed.

Fast charging start-up.

Universal application at low-, middle- and high wind speeds.

For marine- and land-use and professional applications.

Durable and low maintenance.

Inclusive with an external Hybrid Boost charge controller with Bluetooth connection for all relevant operational data such as W, A, V and with the option to connect up to 300Wp solar panels.



RULIS ELÉCTRICA, LDA.

Loteamento Industrial de Linhares, Lote 19
PT-4805-486 S. Estevão de Briteiros / Guimarães
Portugal

www.silentwindgenerator.com

E-mail: info@silentwindgenerator.com

Phone: +351 253 57 27 65



ISO: 9001:2008



**safe
efficient
quiet**



A new generation of wind turbine
with silent power blades.

a new generation of silentwind

Due to our continuous improvement process, we are happy to present you our revised wind generator SILENTWIND 400+:

safe - quiet - efficient



The main improvements are:

Higher efficiency due to earlier charging start-up.

Faster wind tracking and stable operating performance due to an enlarged wind-deflector.

Additional body bearing for a more precise guidance of the wind generator and smoother operating.

Reinforced mast support for higher safety reserves under strong winds.



hybrid boost charge controller

advantages

available for 12, 24 and 48volt systems

internal and external stop switch

no dump load resistors necessary

solar input up to 20 amps

boost function for low or high wind areas

bluetooth (android / ios)

automatically illuminated lcd-display, timer controlled

for all battery technologies, even lithium used on the volvo ocean race boats

no vent necessary

brake led shows state of operation

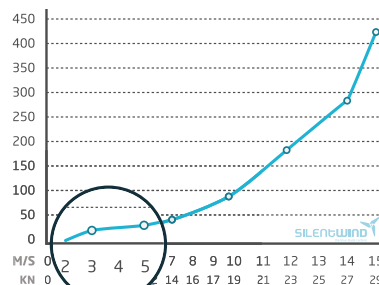
sturdy cable connectors

only 20mA self consumption

military grade components

2 years warranty

POWERCURVE 12V BOOSTER 2V



Fields of application

Sailing boats

Off-grid application

On-Grid connection (48V)

Charging stations

Holiday homes

Wireless LAN – Access – Points

Research and monitoring units

Projects in developing countries

Traffic management systems

Emergency systems

Street lamps

etc.

