



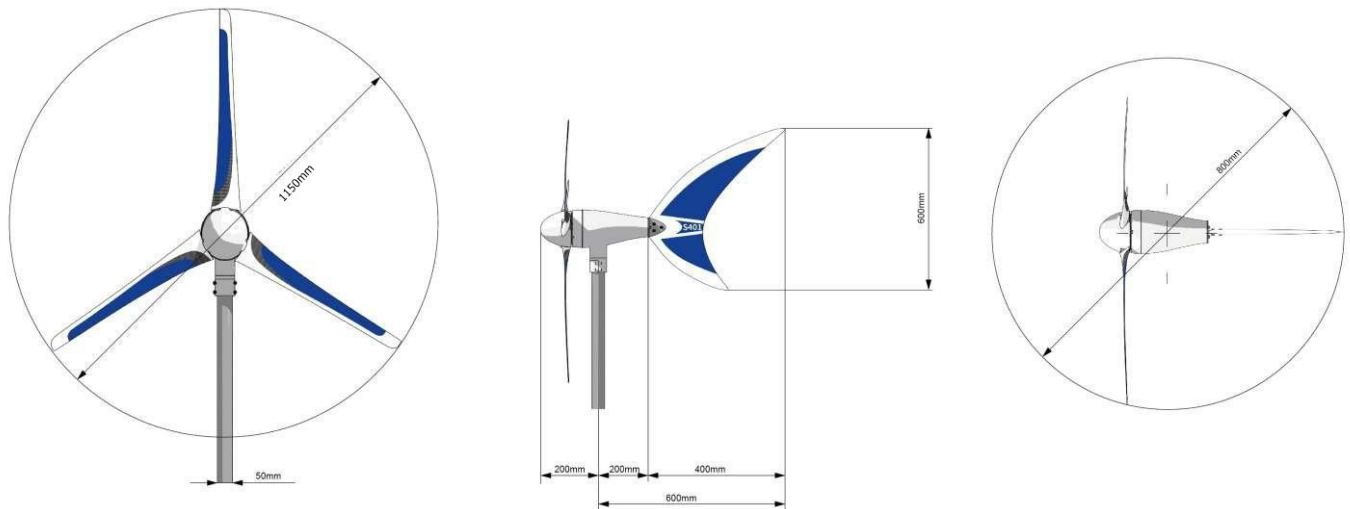
# SilentShark 401 Windgenerator

The German inventor of the "Silentwind" has significantly further developed the wind generator, focusing on improved safety, even lower noise and optimized performance.

The result is the new **SilentShark S401 wind generator**.

The most important part of a wind generator are the rotor blades as drive. These must withstand all air forces, be UV-resistant and quiet. This promises a low-vibration operation.

Our rotor blades made of carbon fiber are highly professionally handcrafted in Thailand under German management and for safety reasons painted in two colors for better visibility for humans and animals.



## Technical data:

- Generator type: Permanent magnet generator, 3-phase, AC
- Rated voltage: available in 12 V DC / 24 V DC / 48 V DC (with controller)
- Rated power: 450 watts
- Nominal wind speed: 13.5 m/s
- Start-up wind speed: 2.2 m/s
- Start of loading: 2.5 m/s
- Integrated patented fully automatic storm brake (**new**)
- double bearing mounted generator shaft (**new**)
- suitable mast tubes: External diameter 48mm to 50mm with 2mm thickness (stainless steel)
- Rotational speed range: 300-1450 Upm
- Safety test in wind tunnel: 122 km/h (passed)
- Switch-off speed: None
- Manual and electronic stop switch (on controller)
- Temperature sensor included (on controller)
- Aerodynamically improved rotor blades (**new**)
- Rotor diameter: 1,15 m
- Number of blades: 3
- Blade weight: 150 gr/blade
- Rotor blade material: carbon fiber CfK, hand laminated
- Self centering rotor blade mount (**new**)
- Fin material carbon fiber CfK, hand laminated
- Weight: Only about 7 kilograms!
- Body cast aluminum, color: white, two-layer painting, powder-coated

**SilentShark S401 Performance Curve**

