

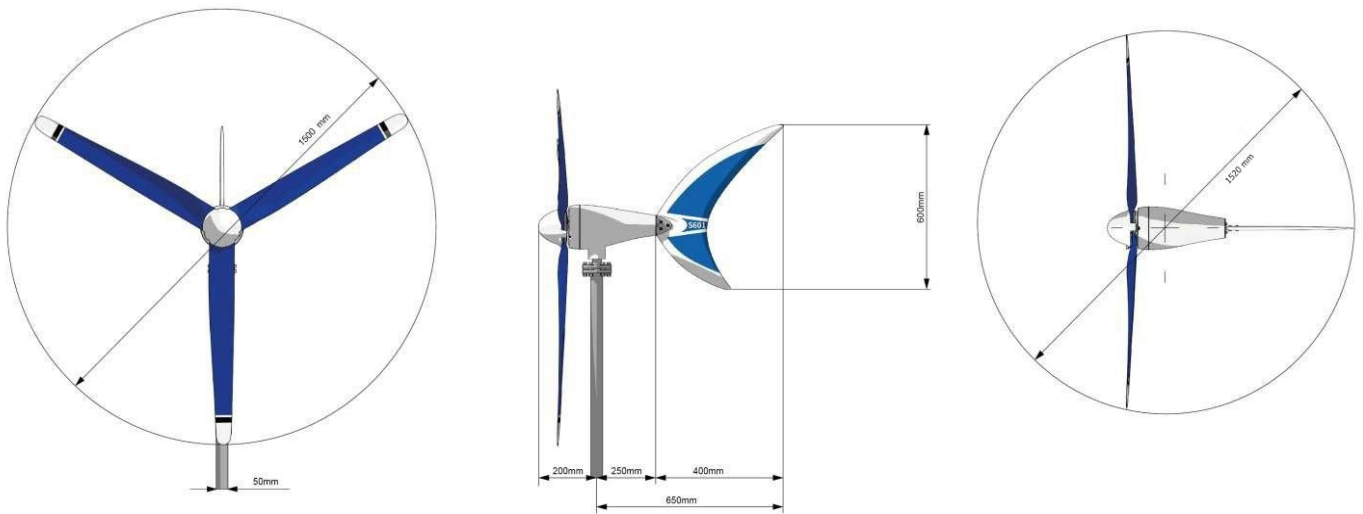
SilentShark 601 Wind generator



The German inventor of the "Silentwind" has developed the wind generator significantly further, focusing on improved safety, even lower noise levels and optimized performance. The **SilentShark S601** was developed for **higher performance requirements**.

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

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



Technical data:

- Generator type: Permanent magnet generator, 3-phase, AC
- Rated voltage: available in 12 V DC / 24 V DC / 48 V DC (with regulator)
- Rated power: 600 watts
- Rated wind speed: 13.5 m/s
- Starting wind speed: 3.5 m/s
- Charging start: 4 m/s
- Integrated patented fully automatic storm brake (new)
- Double-bearing generator shaft (new)
- Suitable mast tubes: OD 48mm to 50mm with 2mm wall thickness (stainless steel)
- Speed range: 200-950 rpm
- Safety test in the wind tunnel: 122 km/h (passed)
- Switch-off speed: None
- Manual and electronic stop switch (on the controller)
- Temperature sensor included (on the controller)
- Aerodynamically improved rotor blades (new)
- Rotor diameter: 1.50 m
- Number of blades: 3
- Blade weight: 250 g/blade
- Rotor blade material: carbon fiber CfK, hand-laminated
- Self-centering rotor blade mount (new)
- Fin material: carbon fiber CfK, hand-laminated
- Weight: Only approx. 12 kilograms!
- Housing cast aluminum, color: white, Two-layer construction, powder-coated

SHARK S601 12V Performance Curve

