

*super*wind 350



The Superwind 350 is a small wind generator for the person who wants reliability and safety. This turbine does not produce the noise that other turbines on the market produce. Made with high grade materials and professionally constructed by German engineers.

Traditional methods of rotor speed control include mechanical furling and electrical load dumping. With mechanical furling, the tail vane angle adjusts to force the rotor out of the wind, or the rotor is tilted up like a helicopter. Electrical furling uses a load dump to create an electrical brake on the generator.

Both methods have reliability and safety issues. For example, should the generator cables to the electrical load dump be damaged, or cut, in a severe storm, there is nothing to protect the turbine from over speed destruction. Mechanical furling with its increased complexity and noise has been the bane of wind generator owners for decades. These old, cumbersome, noisy, and unreliable rotor speed control methods have now been relegated to history with the introduction of the Superwind 350.

Rated at 350 watts, this unique German designed and built turbine uses blade pitch control to regulate the rotor speed. This is the same technology applied in giant multi megawatt turbines.

The resulting low noise, ultra reliability, and safety, sets a new standard in micro wind turbines.

Typical applications include Sailing Yachts, Navigational Aids, telecommunications, stand alone home sites, remote cottages and sea side homes.

Superwind generators are built entirely of high grade materials including stainless chromium steel, powder coated aluminium and carbon fibre reinforced plastics.

Backed with a 3 year warranty, when all factors are considered, there is simply no better choice, or value for money, than the Superwind 350

Money back guarantee on noise

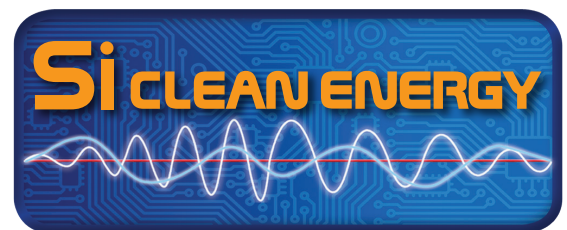
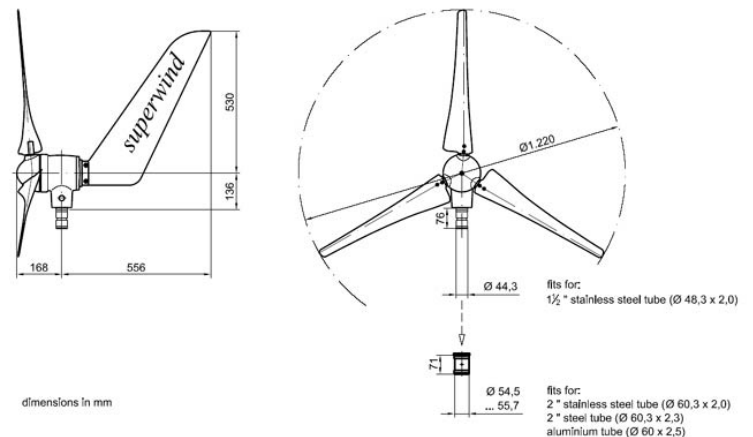
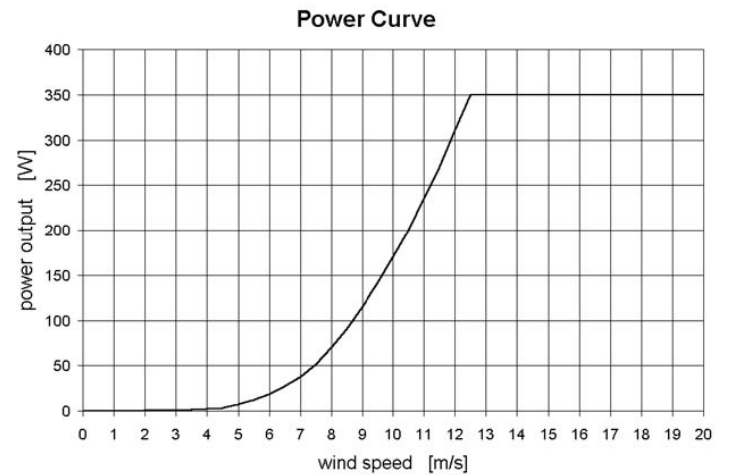
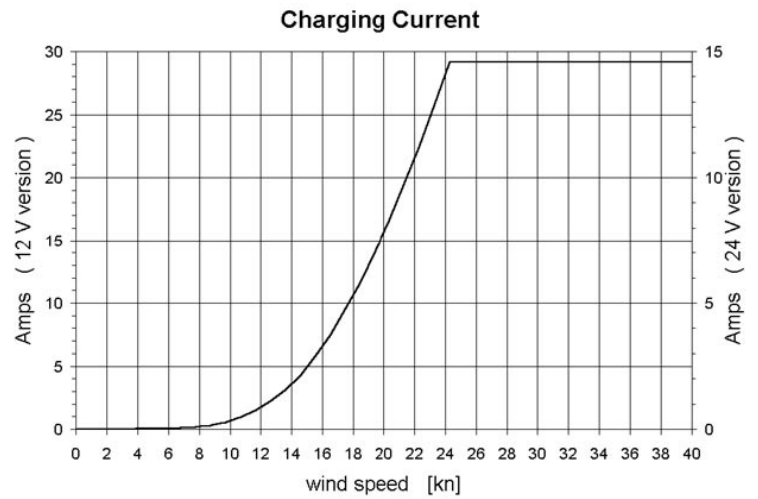


Technical Data

nominal power 350 W
 nominal wind speed 12,5 m/s
 cut in wind speed 3,5 m/s
 cut off wind speed none

rotor diameter 1,20 m
 number of blades 3
 blade material CFK
 rotor speed 500 - 1300 rpm

generator permanent magnet
 nominal voltage 12 VDC / 24 VDC
 speed regulation rotor blade pitch
 power regulation rotor blade pitch
 brake generator short-circuit
 weight 11,5 kg
 rotor thrust (operation) 70 N
 rotor thrust (extreme wind speed) 220 N



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