

August 2009: ENVERGATE installs the first wind turbines 10 KW EV600.

The company ENVERGATE, based in Horn, Switzerland (www.envergate.com) has installed its first EV600 Vertical Axis Wind Turbines. The rated power is equal to 10 KW and the maximum power 25 KW, which is performing when considering the reduced dimensions of the turbine. The wind turbine starts at a particularly low wind speed of 1.5 m/s. Moreover, the blades having a pitch adjustment, the turbine produces energy independently from wind direction, including sites with variable direction winds. The silence of operation is a figure of merit linked both to the aerodynamic optimization, the low rotary speed (max. 180 rpm) and the use of a frameless ALXION 500STK4M alternator in direct drive without gear. New models with lower power (3KW) and higher power (40 KW) will be introduced in 2010.

You can download the technical characteristics on web site:

http://www.envergate.com/themes/envergate/pdf/envergate_productflyer_ev600_en.pdf

