

ANTARIS small windturbines

The wind is your present from the nature,
the **ANTARIS** small windturbines
drop you power and heat!



Made in
Germany



Data Sheets

ANTARIS small wind turbines 2.5 kW - 12.0 kW



The advantages of the ANTARIS Small Wind Turbines

- **For exposed wind sites optionally with various rotor diameters (2.35 – 6.50 m)**
- **Low-noise blade profile**
- **For grid connected, heating systems and as battery charger**
- **Storm protection with helicopter function and electronic braking**
- **Easy to install**

General information on the ANTARIS Wind Power System

The ANTARIS wind turbine is a wind power system which is ideal for inland sites.

It was developed especially for grid feed-in, charging batteries (24 V DC / 48 V DC etc.) and for the support of heating systems.

As a result of the robust design the ANTARIS is also suitable for exposed wind sites, optionally with various rotor diameters (2.35 – 6.50 m). The manually laminated rotor blades benefit from a computer-designed aerodynamic profile. Needless to say that each blade is dynamically and statically balanced and has an identification number and documentation.

To facilitate easy installation we set the focus on enabling fast setup and manual installation of the turbine. Due to the robust design the ANTARIS is extremely efficient and for the base installation has a very attractive price. Here, special attention should be put on the excellent starting behaviour, which at a wind velocity below 2.8 m/sec. operates at a very low noise (43 – 49 dB). This means that the system can also be set up in housing areas.

Grid-connected operation requires the Smart!wind and PowerOne inverter with characteristics matched to the ANTARIS and local wind conditions. The grid-connected inverters feature an according declaration of conformity and are registered for the grid-feed-in mode, the ENS are already integrated!

If the ANTARIS is used in heating applications a control cabinet with control electronics is used for the optimum wind characteristic management in conjunction to a heating rod with 6000 Watt!



Example: ANTARIS 2.5 kW - 3.5 kW



Example: ANTARIS 5.5 kW - 10.0 kW