



Wind energy posts strong growth

Corinna Schittenhelm
Subject Specialist
Press and Public Relations
Phone: +49-7938-81-634
Fax: +49-7938-81-9634
Corinna.Schittenhelm@de.ebmpapst.com

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Among the renewable energies, wind energy is considered to be the sector with the greatest potential for growth. Its share of the total energy balance is set to grow steadily, something that is highlighted by the number of new installations last year.

Economy and ecology have long ceased to be contradictory. Sustainable economy is moving ever more into the focus of responsible corporate policy. ebm-papst meets this requirement to a high extend with GreenTech (www.greentech.info). Here, the focus is on pioneering technologies, which ebm-papst covers in its broad product portfolio as the market and technology leader in the field of fans.

The range of applications of ebm-papst products in the wind energy sector is very wide. Here, quality and reliability are in particular the key to success. This is illustrated by the basic premises of ebm-papst products.

For example, ebm-papst has developed the new EC centrifugal fan generation "RadiCal" for use in inverse rectifiers. With identical dimensions to those of its predecessor AC solutions, is an easily installed improvement. Intelligently selected material combinations increase the stability of the aerodynamically optimised impellers. The improved motor thermal management guarantees extremely high efficiency and also ensures high IP protection. As either a free-running centrifugal fan or in compact modules, its advantages are most obvious in the areas of efficiency and acoustics, and its modular design gives customers an ideal system solution.

For the cooling concepts for generators and gears units, ebm-papst's HyBlade[®] axial fan series offers an extremely broad spectrum. Previous fan solutions featuring standard motors with an impeller attached can be simply replaced with the more compact axial fans with external rotor motor from ebm-papst.

ebm-papst products are also widely used in tower and gondola air conditioning. Decades of experience in the ventilation and air-conditioning sector enable ebm-papst to implement innovative solutions for the customer.

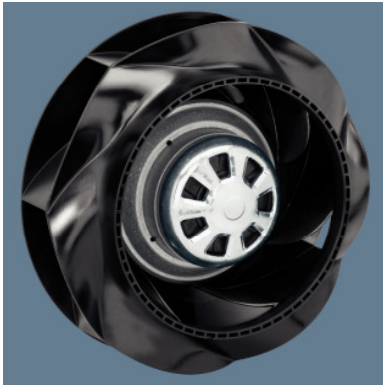


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As a parts supplier and R&D partner for custom applications, ebm-papst offers optimal fan solutions for any performance class in terms of performance, energy efficiency, acoustics and - most importantly - reliability.

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Picture 1: New centrifugal fan "RadiCal" with EC technology

About ebm-papst

The ebm-papst Group is the world's leading manufacturer of fans and motors and is a pioneer and pacesetter for ultra-efficient EC technology. In the last fiscal year 09/10, the company generated turnover of 986 million euro. ebm-papst employs over 10,000 people at 17 production facilities (including Germany, China, USA) and 57 sales offices worldwide. Products of the global market leader are represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, in IT/telecommunications applications as well as those in automotive and commercial vehicle engineering.