



PowerWind

PowerWind

GERMAN ENGINEERED WIND TURBINES



Our company

PowerWind Limited is an Indian company that produces wind energy converters with rated outputs of 600kW, 900 kW and 2500 kW and which also supplies services specifically related to these products. This dynamically expanding company was founded in 2004 and is financed by PTC India Limited. PowerWind Limited has two locations in India, one in Gurgaon, one in Bawal, Haryana.

The manufacturing facility in Bawal offers 26,000 m² of space and its two production lines are among the most modern in the world.

Our History

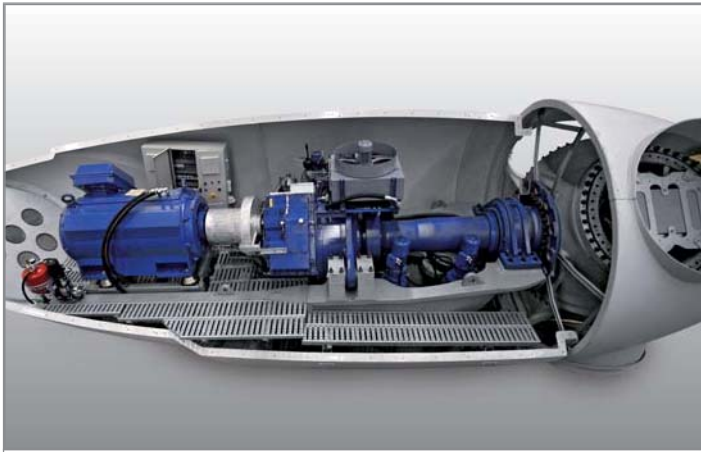
Following a development phase of only 12 months, the first proto-type of the 900 kW wind turbine, PowerWind 56, was installed in Bremerhaven in July 2007.

Serial production of the 900 kW wind turbine PowerWind 56 started in January 2008 at the PowerWind GmbH manufacturing and servicing plant in Bremerhaven.

To date we have sold more than 70 PowerWind 56 turbines to customers in Italy, Poland, Romania, Bulgaria and Germany.

In March 2009, PowerWind Limited made its first public presentation of the newly developed 2.5 MW wind energy converter, the PowerWind 100. Serial production for the European market is scheduled to begin in 2014.

More than 100 people are employed in our research & development, quality management, buying, production, sales, product management, project management, installation, services and administration departments; their combined experience in the wind power sector totals over 400 years.



PowerWind 56

PowerWind 56

The PowerWind 56 is a state-of-the-art wind turbine, certified as an IEC type class IIA. It has a rated power of 900 kW and a rotor with a diameter of 56 m.

The design of the PowerWind 56 meets the specific requirements of the emerging wind markets. Suitable logistics make the PowerWind 56 particularly beneficial for locations that are difficult to access or have weak infrastructures. The PowerWind 56 is equipped with a water-cooled asynchronous generator or with an optional air-cooled permanent magnet synchronous generator. Thanks to its full scale converter, the PowerWind 56 can be connected to weak electrical grids.

The advanced cooling system allows for smooth operation even under unfavorable climate conditions.



PowerWind 100

PowerWind 100

The PowerWind 100 is a highly efficient wind turbine with a rated power of 2500 kW and has a 100 m rotor diameter. Under IEC type class IIA certification it has an optimal application for sites with medium to high wind speeds.

The PowerWind 100 combines robust mechanical engineering with advanced power electronics. Its mechanical design is based on the proven concept of the modular drive train. Due to its electric drive train concept and permanent magnet synchronous generator and a full scale converter, the PowerWind 100 can satisfy the requirements of weak electrical grid also.

The optimal combination between rotor, generator, converter, and control system maximizes its energy output.





PowerWind Limited

Plot no-352-353,IMT,
Bawal,Rewari,Haryana

PowerWind Limited

3rd Floor, GL Complex,
Dundahera, Old Delhi
Gurgaon Road, Gurgaon,
Haryana
Phone 0124-4984455

www.powerwind.co.in