



# Goldwind Technology's self-developed wind turbine generator

What is a Goldwind offshore turbine?

Fan Yanbin, Product Director of Offshore Turbine at Goldwind explains that these are specifically made for waters with different wind speed characteristics. The impeller diameter is 26X with a power range of 12X to 16X. Fan Yanbin presents Goldwind's new offshore turbines at CWP 2023

Why is Goldwind a gearless turbine?

Based on Goldwind's big data analysis of tens of thousands of installed direct-drive turbines and more than 20 years of wind energy expertise, Goldwind had developed advanced optimized control algorithms for maximum energy capture. The gearless drivetrain design eliminates the possibility of gear failure during the operational life of the turbine.

What is a Goldwind 4.5 MW PMDD turbine?

For more than two decades Goldwind has been innovating for a brighter energy tomorrow. The Goldwind 4.5 MW PMDD turbine is part of that innovative future. The 4.5 MW turbine is a direct evolution of Goldwind's portfolio of wind turbine generators that offer best-in-class energy production, smarter controls and industry-leading availability.

What does Goldwind do?

As a global leading wind power company, Goldwind has mature and innovative technologies of wind turbine equipment and system development, providing a full range of onshore & offshore wind power solutions, including wind turbine equipment supply, custom design, construction, installation, and maintenance services.

What is the power range of Goldwind's new onshore turbines?

Premiered at the exhibition, Goldwind's new onshore turbines have a power range of 6.X~10.X. They are smarter and more reliable than ever, as well as being more user-friendly, and are capable of high performance at a full range of wind speeds. The 6.X~7.X series, in particular, is pitched at the global market.

Why should you choose a Goldwind turbine?

Because of the unique, well-performing PMDD turbine technology - matched with expanded digitalization capabilities and localized operations and maintenance expertise - Goldwind projects featuring the latest turbine technology consistently exceed performance requirements, allowing project owners to realize returns earlier. Smart features.

Goldwind has more than 20 years of technology and field experience in the operation & management of wind farms and wind turbines, a professional R&D team with more than 150 ...



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The Goldwind 5S MW PMDD platform is part of that innovative future. The GW5S turbine - featuring rated capacities of 5.2 and 5.6 MW and a rotor diameter of 165 meters - is a direct evolution of Goldwind's portfolio of wind turbine generators ...

Taking the opportunity of China's reform and opening up to explore the global wind power market, now Goldwind has become the world's leading wind turbine manufacturer. As an international ...

The Goldwind 4S MW PMDD platform is part of that innovative future. The GW4S turbine is a direct evolution of Goldwind's portfolio of wind turbine generators that offer best-in-class energy production, smarter controls and industry-leading ...

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