



# Goldwind Technology's self-developed wind turbine generator

Can a wind turbine make Goldwind a green power plant?

On top of that, a 2-megawatt wind turbine, 403 kW photovoltaic energy facilitates 95 percent self-supply of the factory's green electricity, said Ma Peng, deputy director of Goldwind's assembly factory in Dabancheng.

What is a Goldwind wind turbine?

Goldwind 1.5MW wind turbines feature a smaller external diameter compared to wound rotor designs. The combination of a PMG and direct-drive technology results in lowest-in-class top head mass and reduced crane requirements. Intelligent control systems provide curtailment and ramp-rate control.

Who is Goldwind?

Goldwind is a global leader in clean energy, energy conservation, and environmental protection. As a world-top wind turbine manufacturer, we are committed to providing integrated wind power solutions, including wind farm sitting, design, and construction; wind turbine equipment manufacturing, installation, and maintenance.

What is the global market share of Goldwind wind turbines?

It also achieved a global market share of about 15% with newly installed capacity of 12.7GW, also ranking first in the global market. Goldwind wind turbines are continuously delivering clean energy to societies around the world. The 100GW of installed capacity is equivalent to 11% of the world's wind power installed capacity.

Goldwind Science and Technology Co, a leading Chinese wind turbine maker, has delivered over 49,000 wind turbines worldwide with a global cumulative installed capacity exceeding ...

Goldwind 1.5MW wind turbines feature a smaller external diameter compared to wound rotor designs. The combination of a PMG and direct-drive technology results in lowest-in-class top ...

A permanent magnet generator further boosts Goldwind's advantage. Eliminating the need for rotor winds, slip windings, slip rings, brushes, and associated maintenance makes the turbine more ...

As a world-top wind turbine manufacturer, we are committed to providing integrated wind power solutions, including wind farm sitting, design, and construction; wind turbine equipment ...

Goldwind wind turbines are continuously delivering clean energy to societies around the world. The 100GW of installed capacity is equivalent to 11% of the world's wind power installed capacity.

Goldwind has completed China's first crane-free replacement of main wind turbine components using its self-developed Self-lifting Smart Equipment. The system enabled high-altitude ...

Goldwind Science & Technology Co Ltd, a Chinese wind turbine manufacturer located in Northwest China's Xinjiang Uygur autonomous region, continues to integrate digital technology into ...



## Goldwind Technology s self-developed wind turbine generator

For more than two decades, Goldwind has been developing a robust evolution of Permanent Magnet Direct-Drive (PMDD) for the world's most complex wind markets. Our smart wind turbine series ...

On top of that, a 2-megawatt wind turbine, 403 kW photovoltaic energy facilitates 95 percent self-supply of the factory's green electricity, said Ma Peng, deputy director of Goldwind's ...

Web: <https://falconengineering.co.za>

