



# Wind turbine generator 6000 watt

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WT6000+ WTGS is the latest generation of cheap tools based on CRRC Wind Power's "JIXING" wind turbine platform. It integrates a number of innovative technology applications of CRRC Wind Power to achieve the best performance. With high power generation and extreme cost-effective input, it can achieve the best LCOE for customers.

Through the optimal combination of mechanical platform and electrical platform, the rapid design of high-reliability new WTGS is realized. By using a large number of fully verified subsystems and components, the risks brought by new component combinations are reduced.

Using advanced life accumulation control logic, the output is increased in the small wind speed range, the life accumulation of WTGS is increased, and considerable accumulated income of power generation is obtained.

Bolond is a new energy company integrating wind energy, solar energy and energy storage, providing you with high quality integrated wind energy, solar energy and energy storage system solutions.

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Wind power is the conversion of wind kinetic energy into mechanical kinetic energy, and then mechanical energy into electric kinetic energy, which is wind power generation. The principle of wind power generation is to use the wind to drive the windmill blades to rotate, and then to increase the speed of rotation through the speed increaser to prompt the generator to generate electricity.

Wind is one of the energy sources that have no public hazards. And it is inexhaustible. For coastal islands, grasslands and pasture areas, mountainous areas and plateaus where water and fuel are scarce and transportation is difficult, it is very suitable to use wind power generation according to local conditions. And wind power does not need to use fuel and does not produce radiation or air pollution.

As a clean and renewable energy source, wind energy is receiving more and more attention from countries around the world. The amount of wind energy in the world is huge, about  $2.74 \times 10^9$  MW, of which  $2 \times 10^7$  MW is available, which is 10 times larger than the total amount of water energy available on earth. The energy of wind is so huge that at present, the energy obtained by burning coal in the world every year is only one-third of the energy provided by wind in one year.



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How to get wind resource data "Wind" refers to the horizontal movement of the atmosphere, in the direction of movement wind always blows from high pressure to low pressure, the ultimate source of wind energy is solar radiation energy, some regions on earth are very rich in wind energy resources, such as low latitude letter wind belt, prevailing westerly wind belt and polar easterly wind belt control areas, often very rich wind energy resources.

Boland"s range of services and cooperation modelsEM: Provide wind & solar & energy storage projects equipmentsWind part: we can provide Generator, wind turbine blade, tower barrel, gear box, converter, super capacitor, variable paddle system and other core components, complete machine manufacturingSolar part: we can provide PV panel,inverterEnergy storage part: we can provide Container,Battery & BMS System,PCS System,EMS Management System,Fire control system, temperature control system, access control and lighting system

EPC service: EPC contractor wind & solar & energy storage project.Boland/CRRC have senior EPC qualification, undertake the design, procurement, construction and commissioning services of the project, and be fully responsible for the quality, safety, schedule and cost of the contracted works.

Financial cooperation: O& M power plants,financing,acquisitions.Boland/CRRC For project cooperation can do operation and maintenance service vesting in the project and taking a major stake or acquiring the entire project.

Contact us for free full report

Web: <https://www.sumthingtasty.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

