

# Wind power dual-purpose generator



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### Study of the double rotor double machine wind turbine

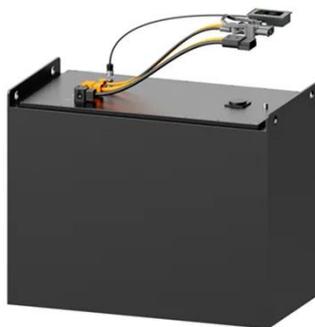
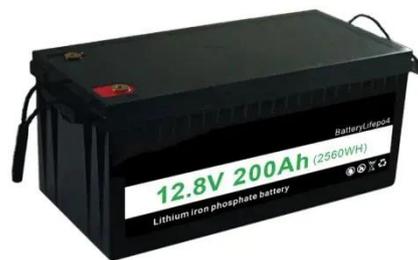
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Wind power plays an important role in the renewable field around the world. Fix speed induction generator (FSIG) as the first generation of the wind turbine generator has advantages such ...

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### A Tubular Linear-Rotary Generator With Dual Stators for Direct ...

So as to the efficient and low-cost utilization of offshore renewable energy, a novel direct-drive wind-wave complementary energy generation (D-D WWCEG) platform based on a tubular ...



### A Counter-Rotating Double-Rotor Axial Flux Permanent Magnet Generator

Regarding power density improvement, a dual stator counter-rotating permanent magnet flux switching generator (DSCRPMFSG) has been compared with a dual rotor counter-rotating ...

## Doubly fed induction generator using back-to-back PWM ...

A.Pena J.C.Clare G.M.Asher Indexing terms: Doubly fed induction motor. PWM converters. Vector control, Wind energy Abstract: The paper describes the engineering and design of ...



## Novel High Efficiency Dual Stator Generator Design With ...

A flexible wind power generation and heating technology is proposed, and a novel dual-stator generator with electrical-thermal flexible output is proposed, which has the advantages of ...

## Overview of Dual-Port Machines for Wind Power Generator ...

In this paper, a comprehensive review of dual port wind generators for wind power generator applications is eluci-dated. First, the conventional and non-conventional wind gener-ators ...



## A Novel Approach to Using Dual-Field Excited



## Synchronous Generators ...

Integrating wind power generators, whose frequency varies in a wide range due to varying wind speeds, into a grid is a formidable problem. At present, the use of permanent magnet ...

## Development and mathematical modelling of a dual-rotor machine for wind

The synchronous generator at the end of the drive chain removes the need for a converter to connect electricity to the grid, making dual-rotor wind power production grid-compatible.



## 12.8V 200Ah



## A dual-stator brushless doubly-fed generator for wind power

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Abstract A novelty dual-stator brushless doubly-fed generator DSBDFG with magnetic-barrier rotor structure is put forward for application in wind power. Compared with a doubly-fed ...

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