

# Doubly salient pole generator wind power application



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### [Design Optimization of Outer Rotor Toothed Doubly Salient ...](#)



In this paper, the analysis of the design and optimization of an outer rotor doubly salient permanent magnet generator (ORDSPMG), dedicated for a direct-drive wind system, by the SOS ...

### [A new three-phase doubly salient electrical magnet generator for ...](#)

This paper presents the operational principles, design and transient analysis of a new three-phase 12/14-pole doubly salient electrical magnet (DSEM) generator for its application in direct-driven wind ...



### [Development of a new brushless doubly-fed doubly-salient machine ...](#)

This paper proposes and implements a new three-phase 12/8-pole brushless doubly fed doubly salient machine (BDFDS) for wind power generation that can offer constant output voltage and efficiency ...



### [A New Three-Phase Doubly Salient Permanent Magnet Machine ...](#)

Abstract--This paper presents a new three-phase 12/8-pole doubly salient permanent-magnet (DSPM) machine for application to wind power generation.



[\(PDF\) A novel doubly-fed doubly-salient machine with DC-saturation](#)

In this paper, the machine structure and DC-saturation-relieving working principle are introduced. The slot-pole combinations are analysed, and dimension parameters are optimized.



[A novel doubly-fed doubly-salient machine with DC-saturation ...](#)

This paper presents a novel doubly-fed doubly-salient machine (DF-DSM) with DC-saturation-relieving effect for wind power generation application, which possesses the advantages of enhanced torque ...



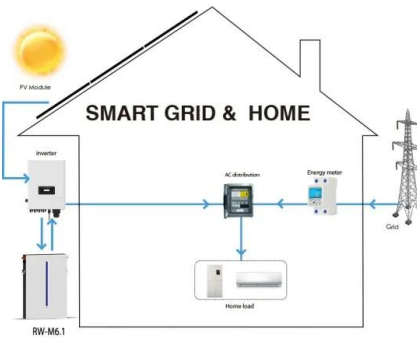
[A novel doubly salient electromagnetic generator](#)

The objective of this paper is to present a series of novel doubly salient electromagnetic generator (DSEG) with multiple rotor poles for direct driven wind turbine.



[Design and analysis of a novel claw-shaped modular stator ...](#)

Here, a novel DC-excited doubly salient machine with a claw-shaped modular stator and three-dimensional (3D) complementary magnetic circuit is proposed for wind power generation ...



**CN101299588A**

The invention relates to a variable wind generator system of a double convex pole permanent-magnet wind motor and a control method thereof, including a wind mill and a double convex

[Performance analysis of Vernier slotted doubly salient permanent ...](#)

A simple system and a simple control method for small autonomous wind energy conversion using Vernier slotted doubly salient PM machine generator has been proposed and ...



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