

# Global Medium-speed Permanent Magnet Wind Turbine Generator System Market Growth 2024-2030

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## Abstracts

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The global Medium-speed Permanent Magnet Wind Turbine Generator System market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Medium-speed Permanent Magnet Wind Turbine Generator System Industry Forecast” looks at past sales and reviews total world Medium-speed Permanent Magnet Wind Turbine Generator System sales in 2023, providing a comprehensive analysis by region and market sector of projected Medium-speed Permanent Magnet Wind Turbine Generator System sales for 2024 through 2030. With Medium-speed Permanent Magnet Wind Turbine Generator System sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Medium-speed Permanent Magnet Wind Turbine Generator System industry.

This Insight Report provides a comprehensive analysis of the global Medium-speed Permanent Magnet Wind Turbine Generator System landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Medium-speed Permanent Magnet Wind Turbine Generator System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Medium-speed Permanent Magnet Wind Turbine Generator System market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Medium-speed Permanent Magnet Wind Turbine Generator System and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Medium-speed Permanent Magnet Wind Turbine Generator System.

According to the Global Wind Report 2023 released by the Global Wind Energy Council, by 2024, the newly installed capacity of global onshore wind power will exceed 100GW for the first time; by 2025, the newly installed capacity of global offshore wind power will also reach 25GW. In the next five years, the newly added grid-connected capacity of wind power will reach 680GW. The report also shows that the United States and Europe may experience a supply bottleneck of wind turbines and components in 2025. It recommends that national policymakers take immediate action to increase investment in supply chains to meet their rapid growth in demand and avoid supply chain bottlenecks hindering the development of wind power. In addition, according to Wood Mackenzie statistics, China is the largest and fastest-growing market for wind power generation in the world, accounting for more than half of the market share. Data from the National Energy Administration of China also shows that China's installed wind power capacity ranks first in the world, with a capacity of nearly 400 million kilowatts.

This report presents a comprehensive overview, market shares, and growth opportunities of Medium-speed Permanent Magnet Wind Turbine Generator System market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by type

Less than 3.0MW

3.0-6.0MW

Great than 6.0MW

#### Segmentation by application

Offshore Wind Power

## Onshore Wind Power

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

ABB

THE SWITCH

Mingyang Smart Energy

Goldwind

CRRC Wind Power (Shandong) Co., Ltd.

Ingeteam

HARBIN ELECTRIC CORPORATION WIND POWER CO.,LTD.

Enerset Electric Inc

VEM Holding GmbH

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Medium-speed Permanent Magnet Wind Turbine Generator System market?

What factors are driving Medium-speed Permanent Magnet Wind Turbine Generator System market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Medium-speed Permanent Magnet Wind Turbine Generator System market opportunities vary by end market size?

How does Medium-speed Permanent Magnet Wind Turbine Generator System break out type, application?

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