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Global Cast Resin Dry-Type Transformers for Wind Power Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Cast Resin Dry-Type Transformers for Wind Power market size was valued at US$ million in 2025 and is forecast to a readjusted size of US$ million by 2032 with a CAGR of %during review period.

Transformers are one of the main equipment in wind farms. Wind power generation needs to pass through substations before it can be connected to the grid. Wind farm substations are mainly equipped with transformers, distribution devices and control equipment, etc., which are used to increase voltage, control the gathering and transmission of power generated by wind turbines. The step-up transformer realizes the voltage conversion from the wind turbine outlet voltage of 690V to 35kV/10kV (with the increase of wind turbine unit capacity, the voltage on the low and high voltage sides will also be further increased), reducing the loss of wind turbine output power during transmission. Depending on the capacity of the wind turbine, it may be placed inside or outside the wind turbine tower. Epoxy cast dry-type transformers use epoxy resin as the insulation material. The high and low voltage windings are wound with copper strips (foils), and epoxy resin is cast and cured in a vacuum to form a high-strength fiberglass structure. The insulation grades are F and H. Epoxy resin dry-type transformers have the characteristics of good electrical performance, strong lightning impact resistance, strong short-circuit resistance, small size and light weight. A temperature display controller can be installed to display and control the operating temperature of the transformer winding to ensure the normal service life of the transformer.

Global total installation of wind power is 117GW in 2023 represents a 50% year-on-year increase from 2022. 2023 was a year of continued global growth – 54 countries

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representing all continents built new wind power. GWEC has revised its 2024-2030 growth forecast (1210GW) upwards by 10%, in response to the establishment of national industrial policies in major economies, gathering momentum in offshore wind and promising growth among emerging markets and developing economies.

This report is a detailed and comprehensive analysis for global Cast Resin Dry-Type Transformers for Wind Power market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Cast Resin Dry-Type Transformers for Wind Power market size and forecasts, in consumption value ($ Million), sales quantity (K MVA), and average selling prices (US$/KVA), 2021-2032

Global Cast Resin Dry-Type Transformers for Wind Power market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K MVA), and average selling prices (US$/KVA), 2021-2032

Global Cast Resin Dry-Type Transformers for Wind Power market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K MVA), and average selling prices (US$/KVA), 2021-2032

Global Cast Resin Dry-Type Transformers for Wind Power market shares of main players, shipments in revenue ($ Million), sales quantity (K MVA), and ASP (US$/KVA), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Cast Resin Dry-Type Transformers for Wind Power
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

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This report profiles key players in the global Cast Resin Dry-Type Transformers for Wind Power market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hitachi Energy, Siemens, SGB-SMIT Group, Schneider Electric, Jinpan Technology, Jiangsu Huapeng Transformer, Shandong Taikai, Guangdong Mingyang Electric, Sanbian Sci-Tech Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Cast Resin Dry-Type Transformers for Wind Power market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

35KV

66KV

Others

Market segment by Application

Onshore Wind

Offshore Wind

Major players covered

Hitachi Energy

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Siemens

SGB-SMIT Group

Schneider Electric

Jinpan Technology

Jiangsu Huapeng Transformer

Shandong Taikai

Guangdong Mingyang Electric

Sanbian Sci-Tech Co., Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Cast Resin Dry-Type Transformers for Wind Power product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cast Resin Dry-Type Transformers for Wind Power, with price, sales quantity, revenue, and global market share of Cast Resin Dry-Type Transformers for Wind Power from 2021 to 2026.

Chapter 3, the Cast Resin Dry-Type Transformers for Wind Power competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

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Chapter 4, the Cast Resin Dry-Type Transformers for Wind Power breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Cast Resin Dry-Type Transformers for Wind Power market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Cast Resin Dry-Type Transformers for Wind Power.

Chapter 14 and 15, to describe Cast Resin Dry-Type Transformers for Wind Power sales channel, distributors, customers, research findings and conclusion.

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