

Global Dry Type Transformer Market Size study & Forecast, by Technology (Cast Resin, Vacuum Pressure Impregnated) by Voltage (Low Voltage, Medium Voltage, High Voltage), by Application (Industrial, Commercial, Utilities, Others), by Phase (Single Phase, Three Phase) and Regional Analysis, 2023-2030

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Abstracts

Global Dry Type Transformer Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Dry-type transformer is a type of a transformer that does not use oil or other liquids to insulate its coils. Instead, it uses air or another gas, such as nitrogen, as an insulation medium. This makes dry-type transformers much safer than oil-filled transformers, as they are less likely to catch fire or explode. Dry-type transformers are also more environment friendly, as they do not release any harmful emissions. The key factors driving the market growth are rising global demand for electricity for different end uses, growing adoption of renewable and non-conventional energy sources and increase in investment for upgradation of aging power distribution and transmission infrastructure that anticipated to support the market growth.

Additionally, the rising adoption of renewable energy sources, such as wind and solar power, has a significant impact on the growth of the Dry Type Transformer Market. The Dry type transformers play a crucial role in the integration of renewable power sources into the electrical grid. Thus, the rising adoption of renewable energy sources is anticipated to support the market growth. For instance, in 2020, the global cumulative installed solar PV capacity was 7,72,200 megawatts and the adoption of solar energy increased significantly and the number reached 1,177,000 megawatts in 2022.

Moreover, the growing expansion of global electrical infrastructure and increasing development and adoption of smart grids and digital dry transformers is anticipated to create the lucrative opportunity for the market during projected period. However, the higher cost of dry-type transformers than oil-filled stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Dry Type Transformer Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing innovations and development of clean technologies, rising renewable energy transition and infrastructure development, and growing industrialization and need to reduce emissions. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising urbanization and industrialization, growing manufacturing sector, and increasing transition toward renewable energy.

Major market player included in this report are:

Schneider Electric (France)
Siemens Energy (Germany)
Hitachi Ltd. (Japan)
Toshiba Corporation (Japan)
General Electric (US)
Fuji Electric Co., Ltd. (Japan)
CG Power & Industrial Solutions Ltd. (India)
Kirloskar Electric Company (India)
Hyosung Heavy Industries (South Korea)
Hammond Power Solutions (US)

Recent Developments in the Market:

In April 2022, Siemens has unveiled CAREPOLE, a groundbreaking dry-type single-phase transformer designed for pole applications. This cast-resin distribution transformer is intended for integration into the distribution grid and has been specifically introduced to cater to the American market.

Global Dry Type Transformer Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Technology, Voltage, Application, Phase, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Cast Resin

Vaccum Pressure Impregnated

By Voltage:

Low Voltage

Medium Voltage

High Voltage

By Application:

Industrial

Commercial

Utilities

Others

By Phase:

Single Phase

Three Phase

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Dry Type Transformer Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Dry Type Transformer Market, by Technology, 2020-2030 (USD Billion)
 - 1.2.3. Dry Type Transformer Market, by Voltage, 2020-2030 (USD Billion)
 - 1.2.4. Dry Type Transformer Market, by Application, 2020-2030 (USD Billion)
 - 1.2.5. Dry Type Transformer Market, by Phase, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL DRY TYPE TRANSFORMER MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL DRY TYPE TRANSFORMER MARKET DYNAMICS

- 3.1. Dry Type Transformer Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising global demand for electricity for different end uses
 - 3.1.1.2. Growing adoption of renewable and non-conventional energy sources
 - 3.1.1.3. Increase in investment for upgradation of aging power distribution and transmission infrastructure
 - 3.1.2. Market Challenges
 - 3.1.2.1. Higher cost of dry-type transformers than oil-filled
 - 3.1.2.2. Susceptibility to moisture and insulation issues
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing expansion of global electrical infrastructure
 - 3.1.3.2. Increasing development and adoption of smart grids and digital dry

transformers

CHAPTER 4. GLOBAL DRY TYPE TRANSFORMER MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DRY TYPE TRANSFORMER MARKET, BY TECHNOLOGY

- 5.1. Market Snapshot
- 5.2. Global Dry Type Transformer Market by Technology, Performance - Potential Analysis
- 5.3. Global Dry Type Transformer Market Estimates & Forecasts by Technology 2020-2030 (USD Billion)
- 5.4. Dry Type Transformer Market, Sub Segment Analysis
 - 5.4.1. Cast Resin
 - 5.4.2. Vacuum Pressure Impregnated

CHAPTER 6. GLOBAL DRY TYPE TRANSFORMER MARKET, BY VOLTAGE

- 6.1. Market Snapshot
- 6.2. Global Dry Type Transformer Market by Voltage, Performance - Potential Analysis
- 6.3. Global Dry Type Transformer Market Estimates & Forecasts by Voltage 2020-2030 (USD Billion)
- 6.4. Dry Type Transformer Market, Sub Segment Analysis
 - 6.4.1. Low Voltage
 - 6.4.2. Medium Voltage
 - 6.4.3. High Voltage

CHAPTER 7. GLOBAL DRY TYPE TRANSFORMER MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Dry Type Transformer Market by Application, Performance - Potential Analysis
- 7.3. Global Dry Type Transformer Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 7.4. Dry Type Transformer Market, Sub Segment Analysis
 - 7.4.1. Industrial
 - 7.4.2. Commercial
 - 7.4.3. Utilities
 - 7.4.4. Others

CHAPTER 8. GLOBAL DRY TYPE TRANSFORMER MARKET, BY PHASE

- 8.1. Market Snapshot
- 8.2. Global Dry Type Transformer Market by Phase, Performance - Potential Analysis
- 8.3. Global Dry Type Transformer Market Estimates & Forecasts by Phase 2020-2030 (USD Billion)
- 8.4. Dry Type Transformer Market, Sub Segment Analysis
 - 8.4.1. Single Phase
 - 8.4.2. Three Phase

CHAPTER 9. GLOBAL DRY TYPE TRANSFORMER MARKET, REGIONAL ANALYSIS

- 9.1. Top Leading Countries
- 9.2. Top Emerging Countries
- 9.3. Dry Type Transformer Market, Regional Market Snapshot
- 9.4. North America Dry Type Transformer Market

- 9.4.1. U.S. Dry Type Transformer Market
 - 9.4.1.1. Technology breakdown estimates & forecasts, 2020-2030
 - 9.4.1.2. Voltage breakdown estimates & forecasts, 2020-2030
 - 9.4.1.3. Application breakdown estimates & forecasts, 2020-2030
 - 9.4.1.4. Phase breakdown estimates & forecasts, 2020-2030
- 9.4.2. Canada Dry Type Transformer Market
- 9.5. Europe Dry Type Transformer Market Snapshot
 - 9.5.1. U.K. Dry Type Transformer Market
 - 9.5.2. Germany Dry Type Transformer Market
 - 9.5.3. France Dry Type Transformer Market
 - 9.5.4. Spain Dry Type Transformer Market
 - 9.5.5. Italy Dry Type Transformer Market
 - 9.5.6. Rest of Europe Dry Type Transformer Market
- 9.6. Asia-Pacific Dry Type Transformer Market Snapshot
 - 9.6.1. China Dry Type Transformer Market
 - 9.6.2. India Dry Type Transformer Market
 - 9.6.3. Japan Dry Type Transformer Market
 - 9.6.4. Australia Dry Type Transformer Market
 - 9.6.5. South Korea Dry Type Transformer Market
 - 9.6.6. Rest of Asia Pacific Dry Type Transformer Market
- 9.7. Latin America Dry Type Transformer Market Snapshot
 - 9.7.1. Brazil Dry Type Transformer Market
 - 9.7.2. Mexico Dry Type Transformer Market
- 9.8. Middle East & Africa Dry Type Transformer Market
 - 9.8.1. Saudi Arabia Dry Type Transformer Market
 - 9.8.2. South Africa Dry Type Transformer Market
 - 9.8.3. Rest of Middle East & Africa Dry Type Transformer Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Schneider Electric (France)
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview

- 10.3.1.3. Financial (Subject to Data Availability)
- 10.3.1.4. Product Summary
- 10.3.1.5. Recent Developments
- 10.3.2. Siemens Energy (Germany)
- 10.3.3. Hitachi Ltd. (Japan)
- 10.3.4. Toshiba Corporation (Japan)
- 10.3.5. General Electric (US)
- 10.3.6. Fuji Electric Co., Ltd. (Japan)
- 10.3.7. CG Power & Industrial Solutions Ltd. (India)
- 10.3.8. Kirloskar Electric Company (India)
- 10.3.9. Hyosung Heavy Industries (South Korea)
- 10.3.10. Hammond Power Solutions (US)

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

Global Dry Type Transformer Market Size study & Forecast, by Technology (Cast Resin, Vacuum Pressure Impregnation)

TABLE 19. U.S. Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 20. Canada Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 21. Canada Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 22. Canada Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 23. UK Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 24. UK Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 25. UK Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 26. Germany Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 27. Germany Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 28. Germany Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 29. France Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 30. France Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 31. France Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 32. Italy Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 33. Italy Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 34. Italy Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 35. Spain Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 36. Spain Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 37. Spain Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 38. RoE Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 39. RoE Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 40. RoE Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 41. China Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 42. China Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 43. China Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 44. India Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 45. India Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 46. India Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 47. Japan Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 48. Japan Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 49. Japan Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 50. South Korea Dry Type Transformer Market estimates & forecasts,
2020-2030 (USD Billion)

TABLE 51. South Korea Dry Type Transformer Market estimates & forecasts by
segment 2020-2030 (USD Billion)

TABLE 52. South Korea Dry Type Transformer Market estimates & forecasts by
segment 2020-2030 (USD Billion)

TABLE 53. Australia Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 54. Australia Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 55. Australia Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 56. RoAPAC Dry Type Transformer Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 57. RoAPAC Dry Type Transformer Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 58. RoAPAC Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. Mexico Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia Dry Type Transformer Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA Dry Type Transformer Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global Dry Type Transformer Market

TABLE 72. List of primary sources, used in the study of global Dry Type Transformer Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Dry Type Transformer Market, research methodology
 - FIG 2. Global Dry Type Transformer Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Dry Type Transformer Market, key trends 2022
 - FIG 5. Global Dry Type Transformer Market, growth prospects 2023-2030
 - FIG 6. Global Dry Type Transformer Market, porters 5 force model
 - FIG 7. Global Dry Type Transformer Market, pest analysis
 - FIG 8. Global Dry Type Transformer Market, value chain analysis
 - FIG 9. Global Dry Type Transformer Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Dry Type Transformer Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Dry Type Transformer Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Dry Type Transformer Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Dry Type Transformer Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Dry Type Transformer Market, regional snapshot 2020 & 2030
 - FIG 15. North America Dry Type Transformer Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Dry Type Transformer Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Dry Type Transformer Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Dry Type Transformer Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Dry Type Transformer Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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