

# **Transformer Market by Type (Power Transformer, Distribution Transformer, Instrument Transformer and Specialty Transformer), Cooling Type (Oil-cooled and Air-cooled), Power Rating (Low, Medium, High), Phase (Three and Single), Insulation (Oil, Solid, Air, Gas), End User (Power Utilities, Industrial, Residential & Commercial, Data Centers, and Other End Users), and Region - Global Forecast to 2030**

<https://marketpublishers.com/r/T99D76A29E5EEN.html>

Date: August 2025

Pages: 351

Price: US\$ 4,950.00 (Single User License)

ID: T99D76A29E5EEN

## **Abstracts**

The transformer market is estimated to grow from USD 64.64 billion in 2025 to USD 88.48 billion by 2030, at a CAGR of 6.5%. This growth is driven by a combination of rising electricity consumption across emerging and developed economies, large-scale investments in grid infrastructure modernization, and the accelerated integration of renewable energy sources. As nations aim to meet climate goals and improve energy access, the demand for high-efficiency, smart, and environmentally sustainable transformers is rapidly expanding. Additionally, the surge in urbanization, data center construction, and electrification of transport and industry further fuels the need for reliable and advanced transformer technologies.

“By type, power transformer held largest share of transformer market in 2024”

Power transformers represented the largest share of the transformer market, by type, primarily due to the global expansion and reinforcement of high-voltage transmission networks. As countries invest in bulk power transmission from generation sources, including large-scale solar, wind, hydro, and thermal plants, to urban load centers, the demand for power transformers capable of handling high voltage and long-distance

transmission continues to rise. Moreover, aging grid infrastructure in developed regions and ambitious grid expansion plans in emerging economies drive substantial replacements and new installations. The transition toward inter-regional and cross-border power trade, particularly in regions such as Asia Pacific, Europe, and Africa, further amplifies the need for large, efficient, and high-capacity power transformers, solidifying this segment's dominant market position.

“By power rating, the medium segment to exhibit fastest growth during forecast period”

Medium (10.1–100 MVA) is expected to be the fastest-growing segment, by power rating, driven by its versatile applications across a broad range of sectors, including industrial facilities, renewable energy projects, urban substations, and large commercial complexes. As economies continue to industrialize and modernize their infrastructure, medium power transformers are increasingly being deployed to support medium-voltage networks that bridge transmission and distribution systems. The rapid growth of solar and wind farms—especially in decentralized formats—also fuels demand for transformers in this rating range, as they are ideally suited to manage fluctuating loads while ensuring grid stability. Furthermore, government-backed urban electrification and smart grid initiatives increasingly favor medium-rated transformers due to their optimal balance between performance, cost, and scalability.

“North America to be second fastest-growing region in transformer market during forecast period”

North America is likely to be the second fastest-growing region in the transformer market during the forecast period, driven by substantial investments in grid modernization, aging infrastructure replacement, and the integration of renewable energy sources. The US and Canada are upgrading their transmission and distribution networks to improve reliability, support electric vehicle (EV) expansion, and accommodate distributed energy resources such as rooftop solar and battery storage. Federal initiatives such as the US Infrastructure Investment and Jobs Act and Canada's Clean Electricity Regulations are accelerating the deployment of advanced transformer technologies, including digital and eco-efficient models. Additionally, the region's growing data center footprint and increased electrification across transportation and industry sectors further propel the demand for high-performance and resilient transformers.

### **Breakdown of Primaries:**

In-depth interviews were conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among others, to obtain and verify critical qualitative and quantitative information and assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1 – 65%, Tier 2 – 24%, and Tier 3 – 11%

By Designation: C-level Executives – 25%, Directors – 30%, and Others – 45%

By Region: North America – 25%, Europe – 40%, Asia Pacific – 25%, Middle East & Africa - 5%, and South America – 5%

Note: Other designations include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2024. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: oUSD 500 million.

A few major players with a wide regional presence dominate the transformer market. The leading players are Hitachi Energy Ltd. (Switzerland), Siemens Energy (Germany), Eaton (Ireland), GE Vernova (US), and Toshiba Energy Systems & Solutions Corporation (Japan).

### **Study Coverage:**

The report defines, describes, and forecasts the transformer market by type, cooling type, power rating, phase, insulation end user, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report comprehensively reviews the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market, which include the analysis of the competitive landscape, market dynamics, market estimates in terms of value, and future trends in the transformer market.

### **Key Benefits of Buying Report**

Product Development/Innovation: Key drivers (Need to modernize power infrastructure due to escalating energy demand), restraints (High initial

investment cost and fluctuating raw material prices), opportunities (Evolution of smart, digital, and resilient grids), and challenges (Sustainability and safety challenges linked to transformer insulating oils) influence the market.

**Market Development:** In June 2024, Siemens Energy invested in expanding its grid division, a strategic move to strengthen global energy infrastructure and accelerate the energy transition. This expansion includes building new manufacturing facilities, such as a large power transformer plant in Charlotte, North Carolina, which will help address the critical shortage of transformers in the US and support aging grid infrastructure.

**Market Diversification:** In February 2025, Eaton invested in a new manufacturing facility in South Carolina for its three-phase transformers, marking the company's third facility in the United States. The image shows the transformers' manufacturing process at the company's facility in Wisconsin.

**Competitive Assessment:** In-depth assessment of market shares, growth strategies, and service offerings of leading players, Hitachi Energy Ltd. (Switzerland), Siemens Energy (Germany), Eaton (Ireland), GE Vernova (US), and Toshiba Energy Systems & Solutions Corporation (Japan), among others, in the transformer market.

## Contents

### **1 INTRODUCTION**

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED AND REGIONAL SCOPE
  - 1.3.2 INCLUSIONS AND EXCLUSIONS
  - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY CONSIDERED
- 1.5 UNIT CONSIDERED
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
- 2.2 MARKET BREAKDOWN AND DATA TRIANGULATION
  - 2.2.1 SECONDARY DATA
    - 2.2.1.1 Key data from secondary sources
    - 2.2.1.2 List of major secondary sources
  - 2.2.2 PRIMARY DATA
    - 2.2.2.1 Breakdown of primaries
    - 2.2.2.2 Key data from primary sources
    - 2.2.2.3 Participants in primary interviews
- 2.3 MARKET SIZE ESTIMATION
  - 2.3.1 BOTTOM-UP APPROACH
  - 2.3.2 TOP-DOWN APPROACH
  - 2.3.3 DEMAND-SIDE ANALYSIS
    - 2.3.3.1 Regional analysis
    - 2.3.3.2 Country-level analysis
    - 2.3.3.3 Demand-side assumptions
    - 2.3.3.4 Demand-side calculations
  - 2.3.4 SUPPLY-SIDE ANALYSIS
    - 2.3.4.1 Supply-side assumptions
    - 2.3.4.2 Supply-side calculations
- 2.4 RESEARCH ASSUMPTIONS
- 2.5 RESEARCH LIMITATIONS

## 2.6 RISK ASSESSMENT

## 3 EXECUTIVE SUMMARY

## 4 PREMIUM INSIGHTS

### 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN TRANSFORMER MARKET

### 4.2 TRANSFORMER MARKET, BY REGION

### 4.3 TRANSFORMER MARKET IN ASIA PACIFIC, BY TYPE AND COUNTRY

### 4.4 TRANSFORMER MARKET, BY TYPE

### 4.5 TRANSFORMER MARKET, BY COOLING TYPE

### 4.6 TRANSFORMER MARKET, BY POWER RATING

### 4.7 TRANSFORMER MARKET, BY PHASE

### 4.8 TRANSFORMER MARKET, BY INSULATION

### 4.9 TRANSFORMER MARKET, BY END USER

## 5 MARKET OVERVIEW

### 5.1 INTRODUCTION

### 5.2 MARKET DYNAMICS

#### 5.2.1 DRIVERS

5.2.1.1 Pressing need to modernize the power infrastructure due to escalating energy demand

5.2.1.2 Strong focus on integrating renewable energy sources into power grids

5.2.1.3 Urgent need to upgrade aging grid infrastructure

#### 5.2.2 RESTRAINTS

5.2.2.1 High initial investment cost and fluctuating raw material prices

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Evolution of smart, digital, and resilient grids

5.2.3.2 Growing focus of developing countries on electrification

#### 5.2.4 CHALLENGES

5.2.4.1 Sustainability and safety challenges linked to transformer insulating oils

5.2.4.2 Supply chain disruptions and component shortages

### 5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

### 5.4 PRICING ANALYSIS

5.4.1 PRICING RANGE OF TRANSFORMERS, BY TYPE, 2024

5.4.2 PRICING RANGE OF TRANSFORMERS, BY POWER RATING, 2024

5.4.3 AVERAGE SELLING PRICE TREND OF TRANSFORMERS, BY REGION, 2021–2024

## 5.5 SUPPLY CHAIN ANALYSIS

## 5.6 ECOSYSTEM ANALYSIS

## 5.7 TECHNOLOGY ANALYSIS

### 5.7.1 KEY TECHNOLOGIES

5.7.1.1 Solid-state transformers (SSTs)

5.7.1.2 Digital twin technology for transformers

### 5.7.2 ADJACENT TECHNOLOGIES

5.7.2.1 Adjacent cooling system for transformers

5.7.2.2 Renewable energy integration systems

### 5.7.3 COMPLEMENTARY TECHNOLOGIES

5.7.3.1 Transformer condition monitoring system

5.7.3.2 Smart transformer substation automation

## 5.8 PATENT ANALYSIS

## 5.9 TRADE ANALYSIS

5.9.1 IMPORT SCENARIO (HS CODE 8504)

5.9.2 EXPORT SCENARIO (HS CODE 8504)

## 5.10 KEY CONFERENCES AND EVENTS, 2025–2026

## 5.11 TARIFF AND REGULATORY LANDSCAPE

5.11.1 TARIFF ANALYSIS

5.11.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.11.3 CODES AND REGULATIONS

## 5.12 PORTER'S FIVE FORCES ANALYSIS

5.12.1 THREAT OF SUBSTITUTES

5.12.2 BARGAINING POWER OF SUPPLIERS

5.12.3 BARGAINING POWER OF BUYERS

5.12.4 THREAT OF NEW ENTRANTS

5.12.5 INTENSITY OF COMPETITIVE RIVALRY

## 5.13 KEY STAKEHOLDERS AND BUYING CRITERIA

5.13.1 KEY STAKEHOLDERS IN BUYING PROCESS

5.13.2 BUYING CRITERIA

## 5.14 INVESTMENT AND FUNDING SCENARIO

## 5.15 CASE STUDY ANALYSIS

5.15.1 ADDRESSING RELIABILITY, SAFETY, AND ENVIRONMENTAL RISKS IN BUSHINGS THROUGH EASYDRY TECHNOLOGY

5.15.2 OPTIMIZING GRID RESILIENCE AND TRANSFORMER HEALTH WITH TXPERT HUB

5.15.3 SAFEGUARDING TRANSFORMER LIFESPAN AND GRID RELIABILITY USING TVP TECHNOLOGY

## 5.16 IMPACT OF GEN AI/AI ON TRANSFORMER MARKET

### 5.16.1 ADOPTION OF GEN AI/AI IN TRANSFORMER MARKET

### 5.16.2 IMPACT OF GEN AI/AI ON TRANSFORMER MARKET, BY REGION

## 5.17 MACROECONOMIC OUTLOOK FOR TRANSFORMER MARKET

## 5.18 IMPACT OF 2025 US TARIFF – OVERVIEW

### 5.18.1 INTRODUCTION

### 5.18.2 KEY TARIFF RATES

### 5.18.3 PRICE IMPACT ANALYSIS

### 5.18.4 IMPACT ON COUNTRIES/REGIONS

#### 5.18.4.1 US

#### 5.18.4.2 Europe

#### 5.18.4.3 Asia Pacific

### 5.18.5 IMPACT ON END USERS

## 6 TRANSFORMER MARKET, BY TYPE

### 6.1 INTRODUCTION

### 6.2 POWER TRANSFORMER

6.2.1 GRID MODERNIZATION AND CROSS-BORDER TRANSMISSION PROJECTS TO DRIVE DEMAND

### 6.3 DISTRIBUTION TRANSFORMER

6.3.1 URBANIZATION AND ELECTRIFICATION PROGRAMS TO ELEVATE ADOPTION

### 6.4 INSTRUMENT TRANSFORMER

6.4.1 GLOBAL SHIFT TOWARD SMART GRID INFRASTRUCTURE AND DIGITAL SUBSTATIONS TO CREATE OPPORTUNITIES

### 6.5 SPECIALTY TRANSFORMER

6.5.1 SPECIALIZED INDUSTRIAL AND TRANSPORT APPLICATIONS TO ACCELERATE IMPLEMENTATION

## 7 TRANSFORMER MARKET, BY COOLING TYPE

### 7.1 INTRODUCTION

### 7.2 OIL-COOLED

7.2.1 SUPERIOR THERMAL CONDUCTIVITY AND DURABILITY TO BOOST DEMAND

### 7.3 AIR-COOLED

7.3.1 ENVIRONMENTAL SAFETY AND LOW MAINTENANCE REQUIREMENTS TO FACILITATE DEMAND

## **8 TRANSFORMER MARKET, BY POWER RATING**

### 8.1 INTRODUCTION

#### 8.2 LOW

8.2.1 RAPID URBANIZATION AND SMART CITY INITIATIVES TO FACILITATE MARKET GROWTH

#### 8.3 MEDIUM

8.3.1 INDUSTRIAL EXPANSION IN EMERGING ECONOMIES TO FUEL MARKET GROWTH

#### 8.4 HIGH

8.4.1 INCREASING INVESTMENTS IN REINFORCING GRID STABILITY TO SPUR DEMAND

## **9 TRANSFORMER MARKET, BY PHASE**

### 9.1 INTRODUCTION

#### 9.2 THREE-PHASE

9.2.1 WIDESPREAD USE IN TRANSMISSION NETWORKS AND LARGE COMMERCIAL COMPLEXES TO FUEL SEGMENTAL GROWTH

#### 9.3 SINGLE-PHASE

9.3.1 GOVERNMENT-LED INITIATIVES TO EXPAND ELECTRICITY ACCESS ACROSS REMOTE AND UNDERSERVED REGIONS TO DRIVE MARKET

## **10 TRANSFORMER MARKET, BY INSULATION**

### 10.1 INTRODUCTION

#### 10.2 OIL

10.2.1 HIGH DIELECTRIC STRENGTH AND SUPERIOR THERMAL CONDUCTIVITY TO SPIKE DEMAND

#### 10.3 SOLID

10.3.1 SIGNIFICANT DEMAND FOR SUSTAINABLE, LOW-EMISSION TECHNOLOGIES IN URBAN INFRASTRUCTURE TO PROPEL MARKET

#### 10.4 GAS

10.4.1 SPACE OPTIMIZATION AND ENVIRONMENTAL SAFETY TO ESCALATE DEMAND

#### 10.5 AIR

10.5.1 SIMPLICITY, FLEXIBILITY, AND COST-EFFECTIVENESS TO ELEVATE ADOPTION

## **11 TRANSFORMER MARKET, BY END USER**

### 11.1 INTRODUCTION

### 11.2 POWER UTILITIES

11.2.1 PRESSING NEED TO UPGRADE AGING GRID ASSETS TO ELEVATE DEMAND

### 11.3 INDUSTRIAL

11.3.1 RISING FOCUS ON DECARBONIZATION AND ENERGY OPTIMIZATION TO FACILITATE ADOPTION

### 11.4 RESIDENTIAL & COMMERCIAL

11.4.1 RAPID URBANIZATION AND REAL ESTATE DEVELOPMENT TO TRIGGER DEMAND

### 11.5 DATA CENTERS

11.5.1 PROLIFERATION OF CLOUD COMPUTING TO CREATE GROWTH OPPORTUNITIES

### 11.6 OTHER END USERS

## **12 TRANSFORMER MARKET, BY REGION**

### 12.1 INTRODUCTION

### 12.2 ASIA PACIFIC

#### 12.2.1 CHINA

12.2.1.1 Government's push for smart grid and digital substation deployment to drive demand

#### 12.2.2 INDIA

12.2.2.1 Growing focus on renewable energy expansion to accelerate demand

#### 12.2.3 JAPAN

12.2.3.1 Surging deployment of energy storage systems and electric vehicle charging networks to propel market

#### 12.2.4 AUSTRALIA

12.2.4.1 Significant investments in transmission and distribution infrastructure to support market growth

#### 12.2.5 REST OF ASIA PACIFIC

### 12.3 NORTH AMERICA

#### 12.3.1 US

12.3.1.1 Digital infrastructure and grid modernization programs to spike demand

#### 12.3.2 CANADA

12.3.2.1 Clean energy and transmission system upgrade initiatives to foster market

growth

### 12.3.3 MEXICO

12.3.3.1 Government focus on improving grid resilience to facilitate adoption

## 12.4 EUROPE

### 12.4.1 GERMANY

12.4.1.1 Rising deployment of green hydrogen and digital factories to spur demand

### 12.4.2 ITALY

12.4.2.1 Growing digital economy to create opportunities

### 12.4.3 UK

12.4.3.1 Strong focus on deploying SF6-free substations to facilitate market growth

### 12.4.4 FRANCE

12.4.4.1 Pressing need to enhance transmission and distribution infrastructure to increase demand

### 12.4.5 SPAIN

12.4.5.1 Solar PV capacity expansion projects to support market growth

### 12.4.6 REST OF EUROPE

## 12.5 MIDDLE EAST & AFRICA

### 12.5.1 GCC

#### 12.5.1.1 Saudi Arabia

12.5.1.1.1 Urban expansion and smart city initiatives to surge demand

#### 12.5.1.2 UAE

12.5.1.2.1 Greater emphasis on expanding clean energy proportion in overall energy mix to boost demand

#### 12.5.1.3 Rest of GCC

### 12.5.2 SOUTH AFRICA

12.5.2.1 Push to modernize transmission and distribution infrastructure to create growth opportunities

### 12.5.3 REST OF MIDDLE EAST & AFRICA

## 12.6 SOUTH AMERICA

### 12.6.1 BRAZIL

12.6.1.1 Investment in metro rail systems, marine terminals, and public transport electrification to support market growth

### 12.6.2 ARGENTINA

12.6.2.1 Expansion of high-voltage transmission lines to strengthen market growth

### 12.6.3 REST OF SOUTH AMERICA

## 13 COMPETITIVE LANDSCAPE

### 13.1 OVERVIEW

- 13.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2022–2025
- 13.3 MARKET SHARE ANALYSIS, 2024
- 13.4 REVENUE ANALYSIS, 2020–2024
- 13.5 COMPANY VALUATION AND FINANCIAL METRICS
- 13.6 BRAND/PRODUCT COMPARISON
- 13.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024
  - 13.7.1 STARS
  - 13.7.2 EMERGING LEADERS
  - 13.7.3 PERVASIVE PLAYERS
  - 13.7.4 PARTICIPANTS
  - 13.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024
    - 13.7.5.1 Company footprint
    - 13.7.5.2 Region footprint
    - 13.7.5.3 Type footprint
    - 13.7.5.4 Cooling type footprint
    - 13.7.5.5 Phase footprint
    - 13.7.5.6 End user footprint
- 13.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023
  - 13.8.1 PROGRESSIVE COMPANIES
  - 13.8.2 RESPONSIVE COMPANIES
  - 13.8.3 DYNAMIC COMPANIES
  - 13.8.4 STARTING BLOCKS
  - 13.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024
    - 13.8.5.1 Detailed list of key startups/SMEs
    - 13.8.5.2 Competitive benchmarking of key startups/SMEs
- 13.9 COMPETITIVE SCENARIO
  - 13.9.1 PRODUCT LAUNCHES
  - 13.9.2 DEALS
  - 13.9.3 EXPANSIONS
  - 13.9.4 OTHER DEVELOPMENTS

## **14 COMPANY PROFILES**

- 14.1 KEY PLAYERS
  - 14.1.1 HITACHI ENERGY LTD.
    - 14.1.1.1 Business overview
    - 14.1.1.2 Products/Solutions/Services offered
    - 14.1.1.3 Recent developments
      - 14.1.1.3.1 Product launches

- 14.1.1.3.2 Deals
- 14.1.1.3.3 Expansions
- 14.1.1.3.4 Other developments
- 14.1.1.4 MnM view
  - 14.1.1.4.1 Key strengths/Right to win
  - 14.1.1.4.2 Strategic choices
  - 14.1.1.4.3 Weaknesses/Competitive threats
- 14.1.2 SIEMENS ENERGY
  - 14.1.2.1 Business overview
  - 14.1.2.2 Products/Solutions/Services offered
  - 14.1.2.3 Recent developments
    - 14.1.2.3.1 Product launches
    - 14.1.2.3.2 Other developments
  - 14.1.2.4 MnM view
    - 14.1.2.4.1 Key strengths/Right to win
    - 14.1.2.4.2 Strategic choices
    - 14.1.2.4.3 Weaknesses/Competitive threats
- 14.1.3 EATON
  - 14.1.3.1 Business overview
  - 14.1.3.2 Products/Solutions/Services offered
  - 14.1.3.3 Recent developments
    - 14.1.3.3.1 Deals
    - 14.1.3.3.2 Expansions
    - 14.1.3.3.3 Other developments
  - 14.1.3.4 MnM view
    - 14.1.3.4.1 Key strengths/Right to win
    - 14.1.3.4.2 Strategic choices
    - 14.1.3.4.3 Weaknesses/Competitive threats
- 14.1.4 GE VERNOVA
  - 14.1.4.1 Business overview
  - 14.1.4.2 Products/Solutions/Services offered
  - 14.1.4.3 Recent developments
    - 14.1.4.3.1 Product launches
    - 14.1.4.3.2 Deals
    - 14.1.4.3.3 Expansions
    - 14.1.4.3.4 Other developments
  - 14.1.4.4 MnM view
    - 14.1.4.4.1 Key strengths/Right to win
    - 14.1.4.4.2 Strategic choices

- 14.1.4.4.3 Weaknesses/Competitive threats
- 14.1.5 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
  - 14.1.5.1 Business overview
  - 14.1.5.2 Products/Solutions/Services offered
  - 14.1.5.3 Recent developments
    - 14.1.5.3.1 Developments
  - 14.1.5.4 MnM view
    - 14.1.5.4.1 Key strengths/Right to win
    - 14.1.5.4.2 Strategic choices
    - 14.1.5.4.3 Weaknesses/Competitive threats
- 14.1.6 SCHNEIDER ELECTRIC
  - 14.1.6.1 Business overview
  - 14.1.6.2 Products/Solutions/Services offered
  - 14.1.6.3 Recent developments
    - 14.1.6.3.1 Product launches
    - 14.1.6.3.2 Deals
    - 14.1.6.3.3 Expansions
    - 14.1.6.3.4 Other developments
- 14.1.7 ABB
  - 14.1.7.1 Business overview
  - 14.1.7.2 Products/Solutions/Services offered
  - 14.1.7.3 Recent developments
    - 14.1.7.3.1 Product launches
    - 14.1.7.3.2 Deals
    - 14.1.7.3.3 Expansions
    - 14.1.7.3.4 Other developments
- 14.1.8 MITSUBISHI ELECTRIC CORPORATION
  - 14.1.8.1 Business overview
  - 14.1.8.2 Products/Solutions/Services offered
  - 14.1.8.3 Recent developments
    - 14.1.8.3.1 Deal
    - 14.1.8.3.2 Other developments
- 14.1.9 BHARAT HEAVY ELECTRICALS LIMITED
  - 14.1.9.1 Business overview
  - 14.1.9.2 Products/Solutions/Services offered
  - 14.1.9.3 Recent developments
    - 14.1.9.3.1 Product launches
    - 14.1.9.3.2 Expansions
    - 14.1.9.3.3 Other developments

- 14.1.10 HD HYUNDAI ELECTRIC CO., LTD.
  - 14.1.10.1 Business overview
  - 14.1.10.2 Products/Solutions/Services offered
  - 14.1.10.3 Recent developments
    - 14.1.10.3.1 Developments
- 14.1.11 HUBBELL
  - 14.1.11.1 Business overview
  - 14.1.11.2 Products/Solutions/Services offered
  - 14.1.11.3 Recent developments
    - 14.1.11.3.1 Deals
- 14.1.12 CG POWER & INDUSTRIAL SOLUTIONS LTD.
  - 14.1.12.1 Business overview
  - 14.1.12.2 Products/Solutions/Services offered
  - 14.1.12.3 Recent developments
    - 14.1.12.3.1 Deals
    - 14.1.12.3.2 Expansions
    - 14.1.12.3.3 Other developments
- 14.1.13 HYOSUNG HEAVY INDUSTRIES
  - 14.1.13.1 Business overview
  - 14.1.13.2 Products/Solutions/Services offered
  - 14.1.13.3 Recent developments
    - 14.1.13.3.1 Expansions
    - 14.1.13.3.2 Other developments
- 14.1.14 FUJI ELECTRIC CO., LTD.
  - 14.1.14.1 Business overview
  - 14.1.14.2 Products/Solutions/Services offered
  - 14.1.14.3 Recent developments
    - 14.1.14.3.1 Developments
- 14.1.15 WEG
  - 14.1.15.1 Business overview
  - 14.1.15.2 Products/Solutions/Services offered
  - 14.1.15.3 Recent developments
    - 14.1.15.3.1 Expansions
    - 14.1.15.3.2 Other developments
- 14.1.16 LS ELECTRIC CO., LTD.
  - 14.1.16.1 Business overview
  - 14.1.16.2 Products/Solutions/Services offered
  - 14.1.16.3 Recent developments
    - 14.1.16.3.1 Deals

- 14.1.16.3.2 Expansions
- 14.1.16.3.3 Other developments
- 14.1.17 ARTECHE GROUP
  - 14.1.17.1 Business overview
  - 14.1.17.2 Products/Solutions/Services offered
- 14.1.18 KON?AR D.D.
  - 14.1.18.1 Business overview
  - 14.1.18.2 Products/Solutions/Services offered
  - 14.1.18.3 Recent developments
    - 14.1.18.3.1 Deals
    - 14.1.18.3.2 Other developments
- 14.1.19 JSHP TRANSFORMER
  - 14.1.19.1 Business overview
  - 14.1.19.2 Products/Solutions/Services offered
- 14.1.20 TBEA
  - 14.1.20.1 Business overview
  - 14.1.20.2 Products/Solutions/Services offered
- 14.2 OTHER PLAYERS
  - 14.2.1 CHINA XD GROUP
  - 14.2.2 VOLTAMP TRANSFORMER
  - 14.2.3 MEIDENSHA CORPORATION
  - 14.2.4 ORMAZABAL
  - 14.2.5 HENAN HENGYU ELECTRIC GROUP CO., LTD.

## **15 APPENDIX**

- 15.1 INSIGHTS FROM INDUSTRY EXPERTS
- 15.2 DISCUSSION GUIDE
- 15.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 15.4 CUSTOMIZATION OPTIONS
- 15.5 RELATED REPORTS
- 15.6 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 TRANSFORMER MARKET: INCLUSIONS AND EXCLUSIONS

TABLE 2 KEY SECONDARY SOURCES

TABLE 3 EXPERTS IN PRIMARY INTERVIEWS, BY COMPANY AND ROLE

TABLE 4 TRANSFORMER MARKET SEGMENTATION, ESTIMATION, AND FORECASTING

TABLE 5 TRANSFORMER MARKET SNAPSHOT

TABLE 6 PRICING RANGE OF TRANSFORMERS, BY TYPE, 2024, (USD/UNIT)

TABLE 7 PRICING RANGE OF TRANSFORMERS, BY POWER RATING, 2024, (USD/UNIT)

TABLE 8 AVERAGE SELLING PRICE TREND OF TRANSFORMERS, BY REGION, 2021–2024 (USD/UNIT)

TABLE 9 ROLE OF COMPANIES IN ECOSYSTEM

TABLE 10 LIST OF MAJOR PATENTS PERTAINING TO TRANSFORMER MARKET, 2022–2025

TABLE 11 IMPORT DATA FOR HS CODE 8504-COMPLIANT PRODUCTS, BY COUNTRY, 2020–2024 (USD THOUSAND)

TABLE 12 EXPORT DATA FOR HS CODE 8504-COMPLIANT PRODUCTS, BY COUNTRY, 2020–2024 (USD THOUSAND)

TABLE 13 TRANSFORMER MARKET: LIST OF KEY CONFERENCES AND EVENTS, 2025–2026

TABLE 14 IMPORT TARIFF FOR HS CODE 8504-COMPLIANT PRODUCTS, 2024

TABLE 15 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 16 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 17 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 18 SOUTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 19 MIDDLE EAST & AFRICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 20 TRANSFORMER MARKET: CODES AND REGULATIONS

TABLE 21 TRANSFORMER MARKET: IMPACT OF PORTER'S FIVE FORCES

TABLE 22 INFLUENCE OF KEY STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END USERS (%)

TABLE 23 KEY BUYING CRITERIA FOR TOP 3 END USERS

TABLE 24 US-ADJUSTED RECIPROCAL TARIFF RATES, 2024

TABLE 25 EFFECTIVE TARIFFS ON LOW-VOLTAGE TRANSFORMER COMPONENTS (HS CODE 853690)

TABLE 26 ANTICIPATED CHANGES IN PRICES AND POTENTIAL IMPACT ON END USERS DUE TO TARIFF IMPACT

TABLE 27 TRANSFORMER MARKET, BY TYPE, 2021–2024 (USD MILLION)

TABLE 28 TRANSFORMER MARKET, BY TYPE, 2025–2030 (USD MILLION)

TABLE 29 POWER TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 30 POWER TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 31 DISTRIBUTION TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 32 DISTRIBUTION TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 33 INSTRUMENT TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 34 INSTRUMENT TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 35 SPECIALTY TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 36 SPECIALTY TRANSFORMER: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 37 TRANSFORMER MARKET, BY COOLING TYPE, 2021–2024 (USD MILLION)

TABLE 38 TRANSFORMER MARKET, BY COOLING TYPE, 2025–2030 (USD MILLION)

TABLE 39 OIL-COOLED: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 40 OIL-COOLED: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 41 AIR-COOLED: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 42 AIR-COOLED: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 43 TRANSFORMER MARKET, BY POWER RATING, 2021–2024 (USD MILLION)

TABLE 44 TRANSFORMER MARKET, BY POWER RATING, 2025–2030 (USD MILLION)

TABLE 45 LOW: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 46 LOW: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 47 MEDIUM: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 48 MEDIUM: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 49 HIGH: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 50 HIGH: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 51 TRANSFORMER MARKET, BY PHASE, 2021–2024 (USD MILLION)

TABLE 52 TRANSFORMER MARKET, BY PHASE, 2025–2030 (USD MILLION)

TABLE 53 THREE-PHASE: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 54 THREE-PHASE: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 55 SINGLE-PHASE: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 56 SINGLE-PHASE: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 57 TRANSFORMER MARKET, BY INSULATION, 2021–2024 (USD MILLION)

TABLE 58 TRANSFORMER MARKET, BY INSULATION, 2025–2030 (USD MILLION)

TABLE 59 OIL: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 60 OIL: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 61 SOLID: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 62 SOLID: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 63 GAS: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 64 GAS: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 65 AIR: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 66 AIR: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 67 TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 68 TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 69 POWER UTILITIES: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 70 POWER UTILITIES: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 71 INDUSTRIAL: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

MILLION)

TABLE 72 INDUSTRIAL: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 73 RESIDENTIAL & COMMERCIAL: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 74 RESIDENTIAL & COMMERCIAL: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 75 DATA CENTERS: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 76 DATA CENTERS: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 77 OTHER END USERS: TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 78 OTHER END USERS: TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 79 TRANSFORMER MARKET, BY REGION, 2021–2024 (USD MILLION)

TABLE 80 TRANSFORMER MARKET, BY REGION, 2025–2030 (USD MILLION)

TABLE 81 TRANSFORMER MARKET, BY REGION, 2021–2024 (UNITS)

TABLE 82 TRANSFORMER MARKET, BY REGION, 2025–2030 (UNITS)

TABLE 83 ASIA PACIFIC: TRANSFORMER MARKET, BY TYPE, 2021–2024 (USD MILLION)

TABLE 84 ASIA PACIFIC: TRANSFORMER MARKET, BY TYPE, 2025–2030 (USD MILLION)

TABLE 85 ASIA PACIFIC: TRANSFORMER MARKET, BY COOLING TYPE, 2021–2024 (USD MILLION)

TABLE 86 ASIA PACIFIC: TRANSFORMER MARKET, BY COOLING TYPE, 2025–2030 (USD MILLION)

TABLE 87 ASIA PACIFIC: TRANSFORMER MARKET, BY POWER RATING, 2021–2024 (USD MILLION)

TABLE 88 ASIA PACIFIC: TRANSFORMER MARKET, BY POWER RATING, 2025–2030 (USD MILLION)

TABLE 89 ASIA PACIFIC: TRANSFORMER MARKET, BY PHASE, 2021–2024 (USD MILLION)

TABLE 90 ASIA PACIFIC: TRANSFORMER MARKET, BY PHASE, 2025–2030 (USD MILLION)

TABLE 91 ASIA PACIFIC: TRANSFORMER MARKET, BY INSULATION, 2021–2024 (USD MILLION)

TABLE 92 ASIA PACIFIC: TRANSFORMER MARKET, BY INSULATION, 2025–2030 (USD MILLION)

TABLE 93 ASIA PACIFIC: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 94 ASIA PACIFIC: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 95 ASIA PACIFIC: TRANSFORMER MARKET, BY COUNTRY, 2021–2024 (USD MILLION)

TABLE 96 ASIA PACIFIC: TRANSFORMER MARKET, BY COUNTRY, 2025–2030 (USD MILLION)

TABLE 97 CHINA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 98 CHINA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 99 INDIA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 100 INDIA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 101 JAPAN: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 102 JAPAN: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 103 AUSTRALIA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 104 AUSTRALIA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 105 REST OF ASIA PACIFIC: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 106 REST OF ASIA PACIFIC: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 107 NORTH AMERICA: TRANSFORMER MARKET, BY TYPE, 2021–2024 (USD MILLION)

TABLE 108 NORTH AMERICA: TRANSFORMER MARKET, BY TYPE, 2025–2030 (USD MILLION)

TABLE 109 NORTH AMERICA: TRANSFORMER MARKET, BY COOLING TYPE, 2021–2024 (USD MILLION)

TABLE 110 NORTH AMERICA: TRANSFORMER MARKET, BY COOLING TYPE, 2025–2030 (USD MILLION)

TABLE 111 NORTH AMERICA: TRANSFORMER MARKET, BY POWER RATING, 2021–2024 (USD MILLION)

TABLE 112 NORTH AMERICA: TRANSFORMER MARKET, BY POWER RATING,

2025–2030 (USD MILLION)

TABLE 113 NORTH AMERICA: TRANSFORMER MARKET, BY PHASE, 2021–2024 (USD MILLION)

TABLE 114 NORTH AMERICA: TRANSFORMER MARKET, BY PHASE, 2025–2030 (USD MILLION)

TABLE 115 NORTH AMERICA: TRANSFORMER MARKET, BY INSULATION, 2021–2024 (USD MILLION)

TABLE 116 NORTH AMERICA: TRANSFORMER MARKET, BY INSULATION, 2025–2030 (USD MILLION)

TABLE 117 NORTH AMERICA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 118 NORTH AMERICA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 119 NORTH AMERICA: TRANSFORMER MARKET, BY COUNTRY, 2021–2024 (USD MILLION)

TABLE 120 NORTH AMERICA: TRANSFORMER MARKET, BY COUNTRY, 2025–2030 (USD MILLION)

TABLE 121 US: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 122 US: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 123 CANADA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 124 CANADA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 125 MEXICO: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 126 MEXICO: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 127 EUROPE: TRANSFORMER MARKET, BY TYPE, 2021–2024 (USD MILLION)

TABLE 128 EUROPE: TRANSFORMER MARKET, BY TYPE, 2025–2030 (USD MILLION)

TABLE 129 EUROPE: TRANSFORMER MARKET, BY COOLING TYPE, 2021–2024 (USD MILLION)

TABLE 130 EUROPE: TRANSFORMER MARKET, BY COOLING TYPE, 2025–2030 (USD MILLION)

TABLE 131 EUROPE: TRANSFORMER MARKET, BY POWER RATING, 2021–2024 (USD MILLION)

TABLE 132 EUROPE: TRANSFORMER MARKET, BY POWER RATING, 2025–2030 (USD MILLION)

TABLE 133 EUROPE: TRANSFORMER MARKET, BY PHASE, 2021–2024 (USD MILLION)

TABLE 134 EUROPE: TRANSFORMER MARKET, BY PHASE, 2025–2030 (USD MILLION)

TABLE 135 EUROPE: TRANSFORMER MARKET, BY INSULATION, 2021–2024 (USD MILLION)

TABLE 136 EUROPE: TRANSFORMER MARKET, BY INSULATION, 2025–2030 (USD MILLION)

TABLE 137 EUROPE: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 138 EUROPE: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 139 EUROPE: TRANSFORMER MARKET, BY COUNTRY, 2021–2024 (USD MILLION)

TABLE 140 EUROPE: TRANSFORMER MARKET, BY COUNTRY, 2025–2030 (USD MILLION)

TABLE 141 GERMANY: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 142 GERMANY: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 143 ITALY: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 144 ITALY: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 145 UK: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 146 UK: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 147 FRANCE: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 148 FRANCE: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 149 SPAIN: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 150 SPAIN: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 151 REST OF EUROPE: TRANSFORMER MARKET, BY END USER,

2021–2024 (USD MILLION)

TABLE 152 REST OF EUROPE: TRANSFORMER MARKET, BY END USER,  
2025–2030 (USD MILLION)

TABLE 153 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY TYPE,  
2021–2024 (USD MILLION)

TABLE 154 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY TYPE,  
2025–2030 (USD MILLION)

TABLE 155 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY COOLING  
TYPE, 2021–2024 (USD MILLION)

TABLE 156 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY COOLING  
TYPE, 2025–2030 (USD MILLION)

TABLE 157 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY POWER  
RATING, 2021–2024 (USD MILLION)

TABLE 158 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY POWER  
RATING, 2025–2030 (USD MILLION)

TABLE 159 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY PHASE,  
2021–2024 (USD MILLION)

TABLE 160 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY PHASE,  
2025–2030 (USD MILLION)

TABLE 161 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY INSULATION,  
2021–2024 (USD MILLION)

TABLE 162 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY INSULATION,  
2025–2030 (USD MILLION)

TABLE 163 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY END USER,  
2021–2024 (USD MILLION)

TABLE 164 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY END USER,  
2025–2030 (USD MILLION)

TABLE 165 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY COUNTRY,  
2021–2024 (USD MILLION)

TABLE 166 MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY COUNTRY,  
2025–2030 (USD MILLION)

TABLE 167 GCC: TRANSFORMER MARKET, BY COUNTRY, 2021–2024 (USD  
MILLION)

TABLE 168 GCC: TRANSFORMER MARKET, BY COUNTRY, 2025–2030 (USD  
MILLION)

TABLE 169 GCC: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD  
MILLION)

TABLE 170 GCC: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD  
MILLION)

TABLE 171 SAUDI ARABIA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 172 SAUDI ARABIA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 173 UAE: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 174 UAE: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 175 REST OF GCC: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 176 REST OF GCC: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 177 SOUTH AFRICA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 178 SOUTH AFRICA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 179 REST OF MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD MILLION)

TABLE 180 REST OF MIDDLE EAST & AFRICA: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD MILLION)

TABLE 181 SOUTH AMERICA: TRANSFORMER MARKET, BY TYPE, 2021–2024 (USD MILLION)

TABLE 182 SOUTH AMERICA: TRANSFORMER MARKET, BY TYPE, 2025–2030 (USD MILLION)

TABLE 183 SOUTH AMERICA: TRANSFORMER MARKET, BY COOLING TYPE, 2021–2024 (USD MILLION)

TABLE 184 SOUTH AMERICA: TRANSFORMER MARKET, BY COOLING TYPE, 2025–2030 (USD MILLION)

TABLE 185 SOUTH AMERICA: TRANSFORMER MARKET, BY POWER RATING, 2021–2024 (USD MILLION)

TABLE 186 SOUTH AMERICA: TRANSFORMER MARKET, BY POWER RATING, 2025–2030 (USD MILLION)

TABLE 187 SOUTH AMERICA: TRANSFORMER MARKET, BY PHASE, 2021–2024 (USD MILLION)

TABLE 188 SOUTH AMERICA: TRANSFORMER MARKET, BY PHASE, 2025–2030 (USD MILLION)

TABLE 189 SOUTH AMERICA: TRANSFORMER MARKET, BY INSULATION, 2021–2024 (USD MILLION)

TABLE 190 SOUTH AMERICA: TRANSFORMER MARKET, BY INSULATION,

2025–2030 (USD MILLION)

TABLE 191 SOUTH AMERICA: TRANSFORMER MARKET, BY END USER,  
2021–2024 (USD MILLION)

TABLE 192 SOUTH AMERICA: TRANSFORMER MARKET, BY END USER,  
2025–2030 (USD MILLION)

TABLE 193 SOUTH AMERICA: TRANSFORMER MARKET, BY COUNTRY,  
2021–2024 (USD MILLION)

TABLE 194 SOUTH AMERICA: TRANSFORMER MARKET, BY COUNTRY,  
2025–2030 (USD MILLION)

TABLE 195 BRAZIL: TRANSFORMER MARKET, BY END USER, 2021–2024 (USD  
MILLION)

TABLE 196 BRAZIL: TRANSFORMER MARKET, BY END USER, 2025–2030 (USD  
MILLION)

TABLE 197 ARGENTINA: TRANSFORMER MARKET, BY END USER, 2021–2024  
(USD MILLION)

TABLE 198 ARGENTINA: TRANSFORMER MARKET, BY END USER, 2025–2030  
(USD MILLION)

TABLE 199 REST OF SOUTH AMERICA: TRANSFORMER MARKET, BY END USER,  
2021–2024 (USD MILLION)

TABLE 200 REST OF SOUTH AMERICA: TRANSFORMER MARKET, BY END USER,  
2025–2030 (USD MILLION)

TABLE 201 OVERVIEW OF KEY STRATEGIES ADOPTED BY TOP PLAYERS,  
JANUARY 2022–JULY 2025

TABLE 202 TRANSFORMER MARKET: DEGREE OF COMPETITION

TABLE 203 TRANSFORMER MARKET: REGION FOOTPRINT

TABLE 204 TRANSFORMER MARKET: TYPE FOOTPRINT

TABLE 205 TRANSFORMER MARKET: COOLING TYPE FOOTPRINT

TABLE 206 TRANSFORMER MARKET: PHASE FOOTPRINT

TABLE 207 TRANSFORMER MARKET: END USER FOOTPRINT

TABLE 208 TRANSFORMER MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 209 SWITCHGEAR MARKET: COMPETITIVE BENCHMARKING OF KEY  
STARTUPS/SMES

TABLE 210 TRANSFORMER MARKET: PRODUCT LAUNCHES, JANUARY  
2022–JULY 2025

TABLE 211 TRANSFORMER MARKET: DEALS, JANUARY 2022–JULY 2025

TABLE 212 TRANSFORMER MARKET: EXPANSIONS, JANUARY 2022–JULY 2025

TABLE 213 TRANSFORMER MARKET: OTHER DEVELOPMENTS, JANUARY  
2022–JULY 2025

TABLE 214 HITACHI ENERGY LTD.: COMPANY OVERVIEW

TABLE 215 HITACHI ENERGY LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 216 HITACHI ENERGY LTD.: PRODUCT LAUNCHES

TABLE 217 HITACHI ENERGY LTD.: DEALS

TABLE 218 HITACHI ENERGY LTD.: EXPANSIONS

TABLE 219 HITACHI ENERGY LTD.: OTHER DEVELOPMENTS

TABLE 220 SIEMENS ENERGY: COMPANY OVERVIEW

TABLE 221 SIEMENS ENERGY: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 222 SIEMENS ENERGY: PRODUCT LAUNCHES

TABLE 223 SIEMENS ENERGY: OTHER DEVELOPMENTS

TABLE 224 EATON: COMPANY OVERVIEW

TABLE 225 EATON: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 226 EATON: DEALS

TABLE 227 EATON: EXPANSIONS

TABLE 228 EATON: OTHER DEVELOPMENTS

TABLE 229 GE VERNOVA: COMPANY OVERVIEW

TABLE 230 GE VERNOVA: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 231 GE VERNOVA: PRODUCT LAUNCHES

TABLE 232 GE VERNOVA: DEALS

TABLE 233 GE VERNOVA: EXPANSIONS

TABLE 234 GE VERNOVA: OTHER DEVELOPMENTS

TABLE 235 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION:  
COMPANY OVERVIEW

TABLE 236 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 237 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION:  
DEVELOPMENTS

TABLE 238 SCHNEIDER ELECTRIC: COMPANY OVERVIEW

TABLE 239 SCHNEIDER ELECTRIC: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 240 SCHNEIDER ELECTRIC: PRODUCT LAUNCHES

TABLE 241 SCHNEIDER ELECTRIC: DEALS

TABLE 242 SCHNEIDER ELECTRIC: EXPANSIONS

TABLE 243 SCHNEIDER ELECTRIC: OTHER DEVELOPMENTS

TABLE 244 ABB: COMPANY OVERVIEW

TABLE 245 ABB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 246 ABB: PRODUCT LAUNCHES

TABLE 247 ABB: DEALS

TABLE 248 ABB: EXPANSIONS

TABLE 249 ABB: OTHER DEVELOPMENTS

TABLE 250 MITSUBISHI ELECTRIC CORPORATION: COMPANY OVERVIEW  
TABLE 251 MITSUBISHI ELECTRIC CORPORATION:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 252 MITSUBISHI ELECTRIC CORPORATION: DEALS  
TABLE 253 MITSUBISHI ELECTRIC CORPORATION: OTHER DEVELOPMENTS  
TABLE 254 BHARAT HEAVY ELECTRICALS LIMITED: COMPANY OVERVIEW  
TABLE 255 BHARAT HEAVY ELECTRICALS LIMITED:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 256 BHARAT HEAVY ELECTRICALS LIMITED: PRODUCT LAUNCHES  
TABLE 257 BHARAT HEAVY ELECTRICALS LIMITED: EXPANSIONS  
TABLE 258 BHARAT HEAVY ELECTRICALS LIMITED: OTHER DEVELOPMENTS  
TABLE 259 HD HYUNDAI ELECTRIC CO., LTD.: COMPANY OVERVIEW  
TABLE 260 HD HYUNDAI ELECTRIC CO., LTD.:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 261 HD HYUNDAI ELECTRIC CO., LTD.: DEVELOPMENTS  
TABLE 262 HUBBELL: COMPANY OVERVIEW  
TABLE 263 HUBBELL: PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 264 HUBBELL: DEALS  
TABLE 265 CG POWER & INDUSTRIAL SOLUTIONS LTD.: COMPANY OVERVIEW  
TABLE 266 CG POWER & INDUSTRIAL SOLUTIONS LTD.:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 267 CG POWER & INDUSTRIAL SOLUTIONS LTD.: DEALS  
TABLE 268 CG POWER & INDUSTRIAL SOLUTIONS LTD.: EXPANSIONS  
TABLE 269 CG POWER & INDUSTRIAL SOLUTIONS LTD.: OTHER  
DEVELOPMENTS  
TABLE 270 HYOSUNG HEAVY INDUSTRIES: COMPANY OVERVIEW  
TABLE 271 HYOSUNG HEAVY INDUSTRIES: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED  
TABLE 272 HYOSUNG HEAVY INDUSTRIES: EXPANSIONS  
TABLE 273 HYOSUNG HEAVY INDUSTRIES: OTHER DEVELOPMENTS  
TABLE 274 FUJI ELECTRIC CO., LTD.: COMPANY OVERVIEW  
TABLE 275 FUJI ELECTRIC CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED  
TABLE 276 FUJI ELECTRIC CO., LTD.: DEVELOPMENTS  
TABLE 277 WEG: COMPANY OVERVIEW  
TABLE 278 WEG: PRODUCTS/SOLUTIONS/SERVICES OFFERED  
TABLE 279 WEG: EXPANSIONS  
TABLE 280 WEG: OTHER DEVELOPMENTS  
TABLE 281 LS ELECTRIC CO., LTD.: COMPANY OVERVIEW

TABLE 282 LS ELECTRIC CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 283 LS ELECTRIC CO.,LTD.: DEALS

TABLE 284 LS ELECTRIC CO., LTD.: EXPANSIONS

TABLE 285 LS ELECTRIC CO., LTD.: OTHER DEVELOPMENTS

TABLE 286 ARTECHE GROUP: COMPANY OVERVIEW

TABLE 287 ARTECHE GROUP: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 288 KON?AR D.D.: COMPANY OVERVIEW

TABLE 289 KON?AR D.D.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 290 KON?AR D.D.: DEALS

TABLE 291 KON?AR D.D.: OTHER DEVELOPMENTS

TABLE 292 JSPH TRANSFORMER: COMPANY OVERVIEW

TABLE 293 JSHP TRANSFORMER: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 294 TBEA: COMPANY OVERVIEW

TABLE 295 TBEA: PRODUCTS/SOLUTIONS/SERVICES OFFERED

## List Of Figures

### LIST OF FIGURES

FIGURE 1 TRANSFORMER MARKET SEGMENTATION AND REGIONAL SCOPE

FIGURE 2 TRANSFORMER MARKET: RESEARCH DESIGN

FIGURE 3 DATA TRIANGULATION

FIGURE 4 DATA CAPTURED THROUGH SECONDARY SOURCES

FIGURE 5 INFORMATION SOURCED FROM PRIMARY INTERVIEWS

FIGURE 6 BREAKDOWN OF PRIMARIES: BY COMPANY TYPE, DESIGNATION, AND REGION

FIGURE 7 MAIN METRICS CONSIDERED TO ANALYZE AND ASSESS DEMAND FOR TRANSFORMERS

FIGURE 8 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

FIGURE 9 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

FIGURE 10 APPROACH FOR REGIONAL TRANSFORMER MARKET ASSESSMENT

FIGURE 11 PROCESS FLOW TO ESTIMATE MARKET SIZE

FIGURE 12 KEY STEPS CONSIDERED TO ASSESS SUPPLY OF TRANSFORMERS

FIGURE 13 TRANSFORMER MARKET: SUPPLY-SIDE ANALYSIS

FIGURE 14 ASIA PACIFIC DOMINATED TRANSFORMER MARKET IN 2024

FIGURE 15 POWER TRANSFORMER SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2025

FIGURE 16 OIL-COOLED SEGMENT TO SECURE LARGER MARKET SHARE IN 2030

FIGURE 17 TRANSFORMERS WITH LOW POWER RATINGS TO LEAD MARKET IN 2025

FIGURE 18 THREE-PHASE TRANSFORMERS TO CAPTURE PROMINENT MARKET SHARE IN 2025

FIGURE 19 OIL-INSULATED TRANSFORMERS TO GRAB MAJORITY OF MARKET SHARE IN 2025

FIGURE 20 POWER UTILITIES TO OCCUPY LEADING POSITION IN TRANSFORMER MARKET IN 2025

FIGURE 21 GRID MODERNIZATION AND RENEWABLE ENERGY EXPANSION PROJECTS TO OFFER LUCRATIVE GROWTH OPPORTUNITIES

FIGURE 22 ASIA PACIFIC TO EXHIBIT HIGHEST CAGR IN TRANSFORMER MARKET DURING FORECAST PERIOD

FIGURE 23 POWER TRANSFORMER SEGMENT AND CHINA HELD LARGEST SHARE OF ASIA PACIFIC TRANSFORMER MARKET IN 2024

FIGURE 24 POWER TRANSFORMERS TO HOLD DOMINANT MARKET POSITION IN 2030

FIGURE 25 OIL-COOLED TRANSFORMERS TO EXERT MARKET DOMINANCE IN 2030

FIGURE 26 TRANSFORMERS WITH LOW POWER RATINGS TO HOLD DOMINANT MARKET POSITION IN 2030

FIGURE 27 THREE-PHASE TRANSFORMERS TO HOLD COMMANDING POSITION IN 2030

FIGURE 28 OIL-IMMERSED TRANSFORMERS TO MAINTAIN SUPREMACY IN 2030

FIGURE 29 POWER UTILITIES TO BE KEY END USERS OF TRANSFORMERS IN 2030

FIGURE 30 TRANSFORMER MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 31 HISTORICAL AND PROJECTED GROWTH IN TOTAL ELECTRICITY GENERATION, BY REGION, 2010-2050

FIGURE 32 GLOBAL INVESTMENT IN CLEAN ENERGY AND FOSSIL FUELS, 2019-2024

FIGURE 33 INVESTMENT IN POWER GRIDS AND ENERGY STORAGE SYSTEMS, BY REGION, 2017-2024

FIGURE 34 GLOBAL INVESTMENT IN CLEAN ENERGY, 2017-2024

FIGURE 35 AVERAGE ANNUAL COPPER PRICE, 2017-2025

FIGURE 36 AVERAGE ANNUAL INVESTMENT SPENDING ON ELECTRICITY GRIDS IN NET ZERO SCENARIO, 2015-2030

FIGURE 37 GLOBAL CO<sub>2</sub> EMISSIONS FROM ELECTRICITY GENERATION, 2014-2026

FIGURE 38 TRENDS/DISRUPTIONS INFLUENCING TRANSFORMER PROVIDERS AND THEIR CLIENTS

FIGURE 39 AVERAGE SELLING PRICE TREND OF TRANSFORMERS, BY REGION, 2021-2024

FIGURE 40 TRANSFORMER MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 41 TRANSFORMER MARKET: KEY PLAYERS IN ECOSYSTEM

FIGURE 42 TRANSFORMER MARKET: PATENTS GRANTED AND APPLIED, 2014-2025

FIGURE 43 IMPORT SCENARIO FOR HS CODE 8504-COMPLIANT PRODUCTS IN TOP 5 COUNTRIES, 2020-2024

FIGURE 44 EXPORT SCENARIO FOR HS CODE 8504-COMPLIANT PRODUCTS IN TOP 5 COUNTRIES, 2020-2024

FIGURE 45 TRANSFORMER MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 46 INFLUENCE OF KEY STAKEHOLDERS IN BUYING PROCESS FOR TOP 3 END USERS

FIGURE 47 KEY BUYING CRITERIA FOR TOP 3 END USERS

FIGURE 48 INVESTMENT AND FUNDING SCENARIO  
FIGURE 49 IMPACT OF GEN AI/AI ON TRANSFORMER MARKET, BY REGION  
FIGURE 50 TRANSFORMER MARKET SHARE, BY TYPE, 2024  
FIGURE 51 TRANSFORMER MARKET SHARE, BY COOLING TYPE, 2024  
FIGURE 52 TRANSFORMER MARKET SHARE, BY POWER RATING, 2024  
FIGURE 53 TRANSFORMER MARKET SHARE, BY PHASE, 2024  
FIGURE 54 TRANSFORMER MARKET SHARE, BY INSULATION, 2024  
FIGURE 55 TRANSFORMER MARKET SHARE, BY END USER, 2024  
FIGURE 56 ASIA PACIFIC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD  
FIGURE 57 TRANSFORMER MARKET SHARE, BY REGION  
FIGURE 58 ASIA PACIFIC: TRANSFORMER MARKET SNAPSHOT  
FIGURE 59 NORTH AMERICA: TRANSFORMER MARKET SNAPSHOT  
FIGURE 60 MARKET SHARE ANALYSIS OF COMPANIES OFFERING TRANSFORMERS, 2024  
FIGURE 61 REVENUE ANALYSIS OF FIVE KEY PLAYERS IN TRANSFORMER MARKET, 2020–2024  
FIGURE 62 COMPANY VALUATION  
FIGURE 63 FINANCIAL METRICS  
FIGURE 64 BRAND/PRODUCT COMPARISON  
FIGURE 65 TRANSFORMER MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2024  
FIGURE 66 TRANSFORMER MARKET: COMPANY FOOTPRINT  
FIGURE 67 TRANSFORMER MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2024  
FIGURE 68 HITACHI ENERGY LTD.: COMPANY SNAPSHOT  
FIGURE 69 SIEMENS ENERGY: COMPANY SNAPSHOT  
FIGURE 70 EATON: COMPANY SNAPSHOT  
FIGURE 71 GE VERNOVA: COMPANY SNAPSHOT  
FIGURE 72 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION: COMPANY SNAPSHOT  
FIGURE 73 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT  
FIGURE 74 ABB: COMPANY SNAPSHOT  
FIGURE 75 MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT  
FIGURE 76 BHARAT HEAVY ELECTRICALS LIMITED: COMPANY SNAPSHOT  
FIGURE 77 HD HYUNDAI ELECTRIC CO., LTD.: COMPANY SNAPSHOT  
FIGURE 78 HUBBELL: COMPANY SNAPSHOT  
FIGURE 79 CG POWER & INDUSTRIAL SOLUTIONS LTD.: COMPANY SNAPSHOT  
FIGURE 80 HYOSUNG HEAVY INDUSTRIES: COMPANY SNAPSHOT

FIGURE 81 FUJI ELECTRIC CO., LTD.: COMPANY SNAPSHOT

FIGURE 82 WEG: COMPANY SNAPSHOT

FIGURE 83 LS ELECTRIC CO., LTD.: COMPANY SNAPSHOT

FIGURE 84 ARTECHE GROUP: COMPANY SNAPSHOT

FIGURE 85 KON?AR D.D.: COMPANY SNAPSHOT

## I would like to order

Product name: Transformer Market by Type (Power Transformer, Distribution Transformer, Instrument Transformer and Specialty Transformer), Cooling Type (Oil-cooled and Air-cooled), Power Rating (Low, Medium, High), Phase (Three and Single), Insulation (Oil, Solid, Air, Gas), End User (Power Utilities, Industrial, Residential & Commercial, Data Centers, and Other End Users), and Region - Global Forecast to 2030

Product link: <https://marketpublishers.com/r/T99D76A29E5EEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T99D76A29E5EEN.html>