

# Global Smart Transformer Market

<https://marketpublishers.com/r/G15D39B0D97BEN.html>

Date: November 2023

Pages: 73

Price: US\$ 3,500.00 (Single User License)

ID: G15D39B0D97BEN

## Abstracts

### Report Scope:

This report analyzes different ongoing technologies and their feasibility at present. The report covers various segments by transformer type, component, application, and regional market development of the smart transformer market. Furthermore, we sub-segmented the regional market analysis by major countries in this report, such as the U.S., China, Germany, India, and others, where the opportunities for installing smart transformers are lucrative.

The study is prepared in a simple, easy-to-understand format; tables and figures are included to illustrate historical, current, and future market scenarios. The report also covers leading companies with information on product portfolios, global headquarters addresses, and more. We have also included a list of other companies in the global market. Also, the report consists of a patent analysis for the smart transformer market, representing a significant investment area for investors.

In this report, 2022 is used as the market's base year, estimated values are provided for 2023, and the market values are forecast from 2023 to 2028. All market values are provided in millions of dollars, and market shares and CAGRs are provided in percentages.

### Report Includes:

An overview of the current and future global markets for smart transformers in the energy industry

Analyses of the global market trends, with historical market revenue data (sales figures) for 2022, estimates for 2023, forecasts for 2024 and 2026, and

projections of compound annual growth rates (CAGRs) through 2028.

Estimates of the market size and revenue forecasts for the global market in USD millions, and a corresponding analysis of market share based on transformer type, component, application and region

Discussion of the major factors influencing the growth of this market with respect to opportunities and challenges, upcoming grid technologies, future demand for smart transformers, regulations and contributions to the overall market

Insights into the value chain of the smart transformer market, providing a study of the key intermediaries, with emphasis on energy sources, manufacturers, distributors and major types of end users

An evaluation of the importance of ESG sustainability in the smart transformer market, including consumer attitudes, impact of ESG factors on corporate performance and the ESG practices of leading companies

Overview of the major vendors in the global market along with an analysis of the industry structure, including company market shares, M&A and venture funding

Profiles of the leading global players

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Research Methodology  
Information Sources  
Geographic Breakdown  
Market Breakdown

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

Market Outlook  
Market Summary

### **CHAPTER 3 MARKET OVERVIEW**

Overview  
Market Dynamics  
Market Drivers  
Market Challenges  
Patent Analysis  
Overview

### **CHAPTER 4 MARKET BREAKDOWN BY TRANSFORMER TYPE, COMPONENT, AND APPLICATION**

Market for Smart Transformers, by Transformer Type  
Power Transformers  
Distribution Transformers  
Specialty Transformers  
Instrument Transformers  
Market for Smart Transformers, by Component  
Converter  
Switches  
High-Frequency Transformers  
Transformer Monitoring Hardware

Others  
Market for Smart Transformers, by Application  
Smart Electrical Grid  
Locomotive Traction Systems  
EV Charging  
Others

## **CHAPTER 5 GLOBAL MARKET BY REGION**

Global Market for Smart Transformers, by Region  
North America  
Europe  
Asia-Pacific  
Rest of World

## **CHAPTER 6 SUSTAINABILITY IN SMART TRANSFORMER INDUSTRY: AN ESG PERSPECTIVE**

Overview  
Environment Impact  
Social Impact  
Government Impact  
Current Status of ESG in the Market for Smart Transformers  
Concluding Remarks from BCC Research

## **CHAPTER 7 COMPETITIVE LANDSCAPE**

Overview  
Market Ranking Analysis  
Key Developments

## **CHAPTER 8 COMPANY PROFILES**

Overview  
CG POWER & INDUSTRIAL SOLUTIONS LTD.  
GENERAL ELECTRIC CO.  
HITACHI ENERGY LTD.  
MASCHINENFABRIK REINHAUSEN GMBH  
MITSUBISHI ELECTRIC CORP.

ORMAZABAL ELECTRIC, S.L.U.  
SCHNEIDER ELECTRIC  
SIEMENS AG  
TOSHIBA CORP.  
WILSON TRANSFORMER CO., PVT. LTD.

## **LIST OF EMERGING PLAYERS**

## **LIST OF SMALL PLAYERS**

Industry Organizations

## **CHAPTER 9 APPENDIX: ACRONYMS**

## List Of Tables

### LIST OF TABLES

Summary Table : Global Market for Smart Transformers, by Region, Through 2028

Table 1 : Patents Published on Smart Transformers, 2021-2023

Table 2 : Global Market for Smart Transformers, by Transformer Type, Through 2028

Table 3 : Global Market for Smart Transformers, by Component, Through 2028

Table 4 : Global Market for Smart Transformers, by Application, Through 2028

Table 5 : Global Market for Smart Transformers, by Region, Through 2028

Table 6 : North American Market for Smart Transformers, by Country, Through 2028

Table 7 : North American Market for Smart Transformers, by Transformer Type, Through 2028

Table 8 : North American Market for Smart Transformers, by Component, Through 2028

Table 9 : North American Market for Smart Transformers, by Application, Through 2028

Table 10 : European Market for Smart Transformers, by Country, Through 2028

Table 11 : European Market for Smart Transformers, by Transformer Type, Through 2028

Table 12 : European Market for Smart Transformers, by Component, Through 2028

Table 13 : European Market for Smart Transformers, by Application, Through 2028

Table 14 : Asia-Pacific Market for Smart Transformers, by Country, Through 2028

Table 15 : Asia-Pacific Market for Smart Transformers, by Transformer Type, Through 2028

Table 16 : Asia-Pacific Market for Smart Transformers, by Component, Through 2028

Table 17 : Asia-Pacific Market for Smart Transformers, by Application, Through 2028

Table 18 : Rest of World Market for Smart Transformers, by Subregion, Through 2028

Table 19 : Rest of World Market for Smart Transformers, by Transformer Type, Through 2028

Table 20 : Rest of World Market for Smart Transformers, by Component, Through 2028

Table 21 : Rest of World Market for Smart Transformers, by Application, Through 2028

Table 22 : ESG Rating of the Smart Transformer Providers

Table 23 : Market Ranking Analysis for Top Smart Transformer Players in the Global Market, 2022

Table 24 : Developments in the Market for Smart Transformers, January 2022 to September 2023

Table 25 : CG Power & Industrial Solutions Ltd.: Product Offering

Table 26 : General Electric Co.: Product Offering

Table 27 : Hitachi Energy Ltd.: Product Offering

Table 28 : Maschinenfabrik Reinhausen GmbH: Product Offering

- Table 29 : Mitsubishi Electric Corp.: Product Offering
- Table 30 : Ormazabal Electric S.L.U.: Product Offering
- Table 31 : Schneider Electric: Product Offering
- Table 32 : Siemens AG: Product Offering
- Table 33 : Toshiba Corp.: Product Offering
- Table 34 : Wilson Transformer Co.: Product Offering
- Table 35 : 12. List of Emerging Players in the Market for Smart Transformers
- Table 36 : 12. List of Small Players in the Market for Smart Transformers
- Table 37 : 12. List of Resources Used for Market for Smart Transformers
- Table 38 : Acronyms and Abbreviations Used in This Report

## List Of Figures

### LIST OF FIGURES

Figure A : Information Sources

Summary Figure : Global Market Shares of Smart Transformers, by Region, 2022

Figure 1 : Capacity Addition of Renewable Energy, 2019-2027

Figure 2 : Global Investment in Modernizing Electricity Grids, 2017-2022

Figure 3 : Global Investments in Digital Infrastructure, 2017-2022

Figure 4 : Global Distribution of Patents on Smart Transformers, by Region, 2022

Figure 5 : Global Market Shares of Smart Transformers, by Transformer Type, 2022

Figure 6 : Global Market Shares of Smart Transformers, by Transformer Type, 2028

Figure 7 : Global Market Shares of Smart Transformers, by Component, 2022

Figure 8 : Global Market Shares of Smart Transformers, by Component, 2028

Figure 9 : Global Market Shares of Smart Transformers, by Application, 2022

Figure 10 : Global Market Shares of Smart Transformers, by Application, 2028

Figure 11 : Global Market for Smart Transformers, by Region

Figure 12 : Global Market Shares of Smart Transformers, by Region, 2022

Figure 13 : Global Market Shares of Smart Transformers, by Region, 2028

Figure 14 : North American Market Shares of Smart Transformers, by Country, 2022

Figure 15 : North American Market Shares of Smart Transformers, by Country, 2028

Figure 16 : North American Market Shares of Smart Transformers, by Transformer Type, 2022

Figure 17 : North American Market Shares of Smart Transformers, by Component, 2022

Figure 18 : North American Market Shares of Smart Transformers, by Application, 2022

Figure 19 : European Market Shares of Smart Transformers, by Country, 2022

Figure 20 : European Market Shares of Smart Transformers, by Country, 2028

Figure 21 : European Market Shares of Smart Transformers, by Transformer Type, 2022

Figure 22 : European Market Shares of Smart Transformers, by Component, 2022

Figure 23 : European Market Shares of Smart Transformers, by Application, 2022

Figure 24 : Asia-Pacific Market Shares of Smart Transformers, by Country, 2022

Figure 25 : Asia-Pacific Market Shares of Smart Transformers, by Country, 2028

Figure 26 : Asia-Pacific Market Shares of Smart Transformers, by Transformer Type, 2022

Figure 27 : Asia-Pacific Market Shares of Smart Transformers, by Component, 2022

Figure 28 : Asia-Pacific Market Shares of Smart Transformers, by Application, 2022

Figure 29 : Rest of World Market Shares of Smart Transformers, by Subregion, 2022

Figure 30 : Rest of World Market Shares of Smart Transformers, by Subregion, 2028



Figure 31 : Rest of World Market Shares of Smart Transformers, by Transformer Type, 2022

Figure 32 : Rest of World Market Shares of Smart Transformers, by Component, 2022

Figure 33 : Rest of World Market Shares of Smart Transformers, by Application, 2022

## I would like to order

Product name: Global Smart Transformer Market

Product link: <https://marketpublishers.com/r/G15D39B0D97BEN.html>

Price: US\$ 3,500.00 (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/G15D39B0D97BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970