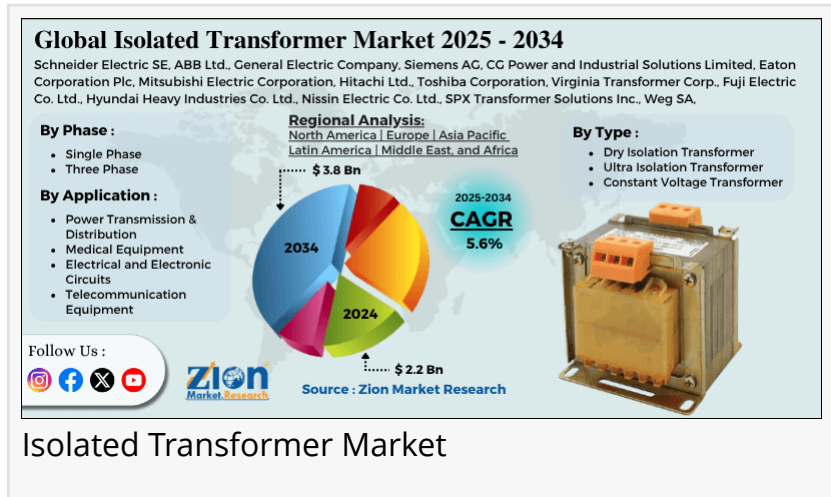


Isolated Transformer Market Size Projected to Grow at 5.6% CAGR, Reaching USD 3.8 Billion by 2034

The global isolated transformer market size was worth around USD 2.2 billion in 2024 and is predicted to grow to around USD 3.8 billion by 2034

PUNE, MAHARASHTRA, INDIA, August 19, 2025 /EINPresswire.com/ -- □ Global Isolated Transformer Market Research Report (2024–2034)
Market Overview



The [global isolated transformer market Size](#) was valued at approximately USD 2.2 billion in 2024 and is projected to reach around USD 3.8 billion by 2034, growing at a CAGR of 5.6% from 2025 to 2034.

“

global isolated transformer market size was worth around USD 2.2 billion in 2024 and is predicted to grow to around USD 3.8 billion by 2034, growth rate (CAGR) of roughly 5.6% between 2025 and 2034.”

Deepak Rupnar

Access key findings and insights from our Report in this sample -

<https://www.zionmarketresearch.com/sample/isolated-transformer-market>

Isolated transformers, also known as isolation transformers, play a critical role in electrical systems by decoupling two circuits, providing galvanic isolation, and protecting sensitive equipment from surges, harmonics, and grounding issues. They are widely used across industries such as power generation, electronics, healthcare, manufacturing, and transportation.

The demand is fueled by the rising adoption of renewable energy systems, growing need for safe and stable power supply in industrial automation, and the expansion of healthcare facilities where isolation is crucial for patient safety. Additionally, the global trend toward energy efficiency and modernization of electrical grids is driving wider adoption of isolated

transformers.

Key Insights

As per the analysis shared by our research analyst, the global Isolated Transformer market is estimated to grow annually at a CAGR of around 5.6% over the forecast period (2025-2034).

In terms of revenue, the global Isolated Transformer market size was valued at around USD 2.2 billion in 2024 and is projected to reach USD 3.8 billion by 2034.

The expansion of the healthcare sector, especially in developing regions, is expected to drive the isolated transformer industry over the forecast period.

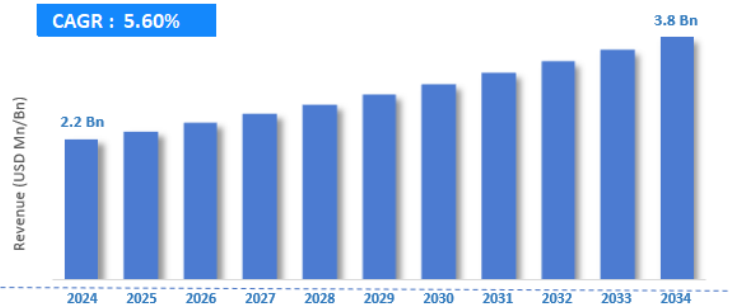
Based on the phase, the single phase segment is expected to hold the largest market share over the forecast period.

Based on the type, the dry isolation transformer segment is expected to dominate the market expansion over the projected period.

Based on the application, the power transmission & distribution segment is expected to dominate the market expansion over the projected period.

Based on region, the Asia Pacific is expected to dominate the market during the forecast period.

Global Isolated Transformer Market, 2020-2034 (USD Billion)



Source: Zion Market Research

Zion
Market Research

Isolated Transformer Market Size

THE GLOBAL ISOLATED TRANSFORMER MARKET IS DOMINATED BY PLAYERS LIKE:

Schneider
Electric

ABB

SIEMENS

CGI | PoWBI ICWJ

EATON

MITSUBISHI
ELECTRIC

MITSUBISHI

TOSHIBA

TOSHIBA

VIRGINIA
TRANSFORMER CORP.

Fuji Electric

HYUNDAI
HEAVY INDUSTRIES CO. LTD.

SPX
TRANSFORMER SOLUTIONS

WEQ

HYOSUNG

KIRLOSKAR Kirloskar

TBEA Co. Ltd.

Isolated Transformer Market Competitive Analysis

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Regional Insights

North America

North America represents a major share of the isolated transformer market in 2024. The U.S. leads the region, driven by strong adoption in data centers, healthcare facilities, and renewable

energy projects. Government policies encouraging grid modernization and energy efficiency also support the market. By 2034, the U.S. and Canada are expected to remain dominant, with growing deployment in industrial automation and EV charging infrastructure.

Europe

Europe is another significant market, led by Germany, the U.K., and France. The region benefits from a strong manufacturing base, extensive use of automation technologies, and increasing renewable energy integration. The EU's focus on green energy policies and smart grid projects is expected to enhance demand for isolated transformers over the next decade. Healthcare and medical device industries in Europe are also contributing to steady adoption.

Asia-Pacific (APAC)

Asia-Pacific is projected to witness the fastest growth in the forecast period. China, India, Japan, and South Korea are the major markets, driven by rapid industrialization, expanding renewable energy capacity, and significant growth in healthcare infrastructure. The increasing establishment of data centers and manufacturing facilities is further creating strong demand. APAC's growing investments in grid expansion and electrification projects make it the most promising region for isolated transformer manufacturers.

Latin America

Latin America shows steady growth, led by Brazil and Mexico. The market is supported by infrastructure development, increasing renewable energy adoption, and industrial modernization. However, uneven economic development and limited healthcare facilities in some areas may restrict faster adoption.

Middle East & Africa (MEA)

The MEA region is an emerging market for isolated transformers, with strong opportunities in GCC countries such as Saudi Arabia, the UAE, and Qatar. The growing focus on oil & gas industry safety, power distribution, and renewable energy projects is boosting demand. In Africa, electrification projects and healthcare sector expansion will contribute to gradual growth over the forecast horizon.

Market Segmentation

By Power Rating

Low Power (Up to 1 kVA): Primarily used in electronic devices, medical equipment, and small-scale applications.

Medium Power (1 kVA – 100 kVA): Widely deployed in industrial machinery, control circuits, and renewable energy systems.

High Power (Above 100 kVA): Mainly used in power distribution, manufacturing plants, and heavy-duty applications.

By Application

Industrial: The largest segment, supported by increasing automation, robotics, and need for stable power in manufacturing.

Healthcare: Strong demand for patient safety and uninterrupted power in medical imaging devices, laboratories, and hospitals.

Electronics & IT: Significant adoption in data centers, telecom, and semiconductor industries.

Energy & Utilities: Used in grid modernization, renewable power integration, and EV charging infrastructure.

By End User

Commercial Buildings – Offices, data centers, and healthcare institutions.

Industrial Facilities – Factories, refineries, and automation hubs.

Residential – Limited adoption, but growing use in sensitive home electronics and renewable energy setups.

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Competitive Analysis

The isolated transformer market is moderately fragmented, with global players focusing on product efficiency, advanced insulation materials, and expansion in high-growth regions like Asia-Pacific. Partnerships, mergers, and innovation in compact transformer designs are common strategies to gain market share.

Key Players in the Market:

ABB Ltd. – Offers a wide portfolio of isolation transformers for industrial and renewable applications.

Siemens AG – Focuses on smart grid integration and industrial-grade isolation solutions.

Schneider Electric SE – Known for energy-efficient transformers and strong presence in commercial sectors.

General Electric (GE) – Provides advanced isolation solutions for power distribution and industrial automation.

Eaton Corporation – Specializes in safe, compact, and efficient isolation transformers for commercial and healthcare use.

Hammond Power Solutions (HPS) – Prominent in North America with strong industrial application offerings.

Mitsubishi Electric Corporation – Expanding presence in Asia-Pacific with renewable energy-oriented solutions.

Other regional players – Tripp Lite, Hitachi Energy, Bharat Heavy Electricals Limited (BHEL), and TDK Corporation.

Conclusion

The global isolated transformer market is poised for steady growth, increasing from USD 2.2 billion in 2024 to USD 3.8 billion by 2034 at a CAGR of 5.6%. Growth drivers include the expansion of renewable energy, rising automation in industries, demand from healthcare facilities, and modernization of power grids.

While North America and Europe hold strong market positions, Asia-Pacific will emerge as the fastest-growing region, fueled by industrial expansion and electrification projects. Companies that focus on compact, efficient, and cost-effective isolated transformers tailored for healthcare, renewable energy, and data centers will be well-positioned to capture opportunities in the coming decade.

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Deepak Rupnar

Zion Market Research

+1 855-465-4651

richard@zionmarketresearch.com

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