

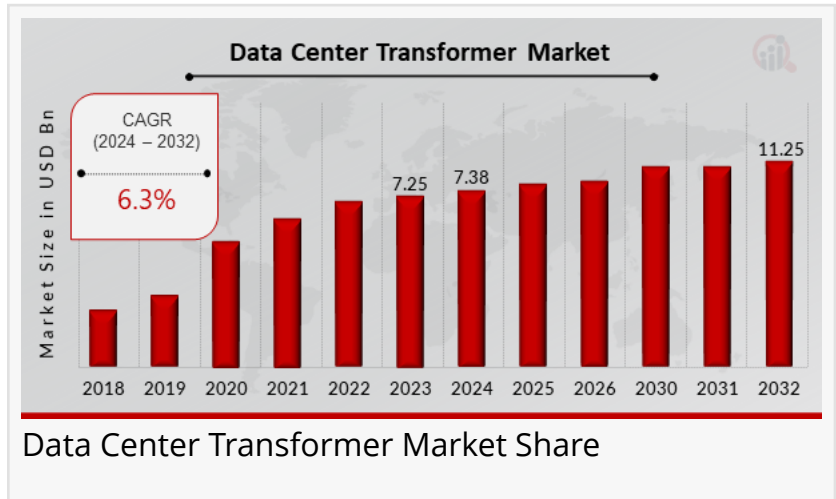
Data Center Transformer Market CAGR to be at 6.3% from 2024 to 2032 | \$11.25 Billion Industry Revenue by 2032

Data Center Transformer Market Research Report By Voltage Level, Cooling Method, Construction Type, Application, Phase, Regional

GA, UNITED STATES, March 19, 2025
/EINPresswire.com/ --

The [Data Center Transformer Market](#) is witnessing steady growth, driven by the increasing demand for reliable and energy-efficient power solutions in

data centers. The market was valued at \$7.25 billion in 2023 and is projected to grow from \$7.38 billion in 2024 to \$11.25 billion by 2032, reflecting a CAGR of 6.3% during the forecast period (2024-2032). The expansion of hyperscale data centers, edge computing, and cloud infrastructure is significantly contributing to this growth.



Key Companies in the Data Center Transformer Market Include:

- Siemens AG
- Hyundai Electric Energy System
- Crompton Greaves Power Industrial Solutions Ltd.
- Kirloskar Electric Compa
- General Electric Company
- Havells India Ltd.
- ABB Ltd.
- Mitsubishi Electric Corporation
- Godrej Boyce Mfg. Co. Ltd.
- Eaton Corporation
- Schneider Electric SE
- Toshiba Corporation

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Market Drivers

Growing Demand for Data Centers

The rapid digital transformation, increasing cloud adoption, and rising data traffic are fueling the expansion of data centers worldwide. This surge in infrastructure necessitates high-performance transformers for efficient power distribution.

Energy Efficiency and Sustainability

With increasing concerns over energy consumption, data centers are adopting eco-friendly and high-efficiency transformers to minimize losses and enhance sustainability.

Advancements in Smart Transformers

The integration of IoT-enabled and AI-driven smart transformers is improving real-time monitoring, predictive maintenance, and operational efficiency, driving market growth.

Government Regulations and Investments

Stringent energy efficiency standards and government incentives for green data centers are encouraging the adoption of next-generation transformers.

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Market Segmentation

By Transformer Type

Liquid-Immersed Transformers – Known for high efficiency and better cooling capabilities, these transformers are widely used in large-scale data centers.

Dry-Type Transformers – Preferred for edge data centers and indoor applications due to their lower maintenance requirements and safety benefits.

By Data Center Type

Hyperscale Data Centers – Major consumers of high-capacity transformers due to massive energy demands.

Colocation Data Centers – Require scalable and efficient transformers to support multiple tenants.

Enterprise Data Centers – Focused on customized transformer solutions for optimized power

management.

Edge Data Centers – Growing segment due to the rising need for decentralized computing and lower latency services.

By Cooling Method

Oil-Cooled Transformers – Offer superior cooling performance, suitable for high-power applications.

Air-Cooled Transformers – Used in compact, space-constrained environments where traditional cooling methods are challenging.

By Region

North America – Dominates the market due to major cloud service providers and increasing investment in hyperscale data centers.

Europe – Strong focus on sustainable data centers and regulatory policies driving demand.

Asia-Pacific – Rapid IT infrastructure growth in China, India, and Southeast Asia is fostering market expansion.

Latin America & Middle East & Africa – Emerging markets with increasing digitalization and data center deployments.

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Future Outlook

The Data Center Transformer Market is set to grow steadily, driven by increasing data traffic, sustainability initiatives, and advancements in smart power infrastructure. As demand for AI, 5G, and edge computing rises, the need for high-performance transformers will continue to expand. Companies investing in energy-efficient and intelligent transformers will be well-positioned to capitalize on this growth.

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