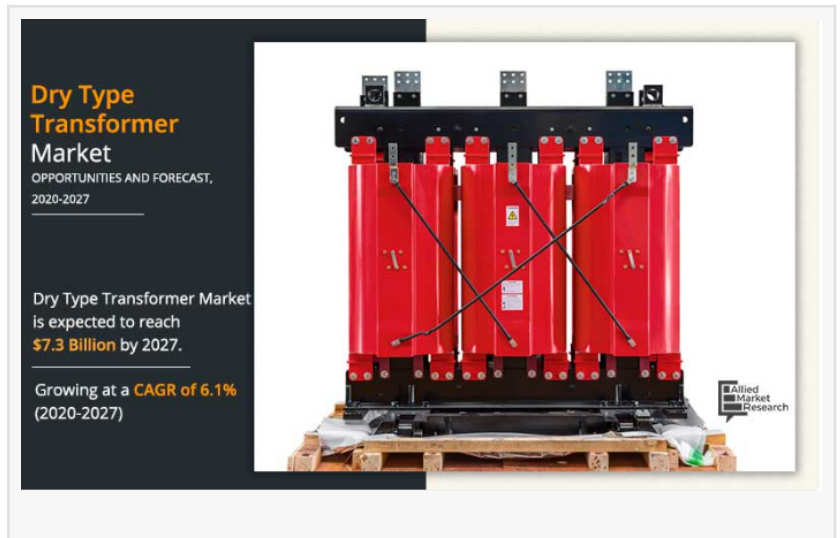


Transforming Energy: Insights into the Dry Type Transformer Market

Dry Type Transformer Market Expected to Targets \$7.3 Billion by 2027

WILMINGTON, DE, UNITED STATES, January 27, 2025 /EINPresswire.com/ --

According to a new report published by Allied Market Research, The [dry type transformer market](#) size was valued at \$5.4 billion in 2019, and is projected to reach \$7.3 billion by 2027, growing at a CAGR of 6.1% from 2020 to 2027.



A dry-type transformer is an electrical transformer that uses air as the cooling medium instead of liquid coolant, making it suitable for specific applications where fire safety and environmental concerns are paramount.



Adoption of dry type transformer in the renewable energy generation and industrial installations is a key trend favouring the growth of the dry type transformer market”

Allied Market Research

Download Sample PDF:

<https://www.alliedmarketresearch.com/request-sample/952>

North America is expected to growth at the highest rate of 6.6% during the forecast period. The growth is attributed to growth in electricity demand in countries such as the U.S. Further, the growth potential of renewable energy sources in the U.S. is high.

Leading [dry type transformer industry](#) players analyzed in

the research include Eaton Corporation Plc, Bharat Heavy Electricals Ltd., General Electric Company, Fuji Electric Co. Ltd., Henley Energy GCC, Hammond Power Solutions Inc., Hyosung Heavy Industries, Hitachi Ltd., Power Sp. z o.o., and Kirloskar Electric Co. Ltd.

Electrification projects for meeting the present electricity demands, adoption of renewable

energy generation, and subsequent integration with the power grid are the major drivers.

Dry type transformers are magnetic core transformers in which the windings and core are kept in a sealed tank that uses air as a cooling medium instead of oil or other liquids as in a typical liquid-filled transformer.

Asia-Pacific dominated the dry type transformer industry with a revenue share of over 41.2% in 2019.

Cast resin and vacuum impregnation are the major technologies used to produce dry type transformers. In a cast resin dry type transformer, high-voltage (HV) and low-voltage (LV) windings are completely impregnated and cast under vacuum in epoxy resin.

This encapsulation helps prevent moisture to penetrate the winding material. The insulating material offers excellent fire hazard protection; thereby, suitable for indoor installations. This makes them the preferred choice for underground or city-building substations that require site-specific fire prevention and fire contingency-management strategies.

In vacuum pressure impregnation (VPI), transformer windings are vacuum impregnated with polyester or epoxy and baked under variable pressure cycles. VPI transformers offer high mechanical strength and operate under high and variable loads.

Enquiry Before Buying: <https://www.alliedmarketresearch.com/purchase-enquiry/952>

Dry type transformers offer various advantages over wet transformers. It is easy to install and requires less maintenance, excellent resistance to short circuit currents and capacity to support overloads, uses no environmentally hazardous hydrocarbon liquids hence it is eco-friendly and pollution free.

Dry type transformers have gained high demand in the recent years as they are installed in industrial, commercial, as well as residential and non-residential constructions.

In industries, some machineries require specific voltage requirements along with providing safety against fire and chemical hazards.

Dry type transformers are available in single-phase as well as three-phase, and mainly operate in low and medium voltage ranges.

Increase in electricity consumption, new civil infrastructural developments, replacement of existing distribution transformers for integration with renewable energy sources as well as deployment of smart power grids are the major factors that boost the global [dry type transformer market growth](#).

The development of electric cars and incentives to deploy them is increasing the consumption of electricity in the automotive sector.

Impact Of Covid-19 On the Global Dry Type Transformer Market

Renewable energy generation is the largest consumer for dry type transformer in industrial segment, which is also affected to a great extent during the pandemic.

In the global solar industry, more than 40% of the supply chain is reliant on supply from China and other Southeast Asian countries

Buy This Report (345 Pages PDF with Insights, Charts, Tables, and Figures): <https://bit.ly/3mIKyfX>

China is the known source of this pandemic and the country is the most affected one in terms of material supply and material transport due to COVID-19.

Trending Reports in Energy and Power Industry:

Dry Type Transformer Market

<https://www.alliedmarketresearch.com/dry-type-transformer-market>

Gas Insulated Transformer Market

<https://www.alliedmarketresearch.com/gas-insulated-transformer-market-A15966>

Distribution Transformer Market

<https://www.alliedmarketresearch.com/global-distribution-transformer-market-A190577>

Voltage Transformer Market

<https://www.alliedmarketresearch.com/voltage-transformer-market-A15993>

Instrument Transformers Market

<https://www.alliedmarketresearch.com/instrument-transformers-market-A10491>

Renewable Energy Transformer Market

<https://www.alliedmarketresearch.com/renewable-energy-transformer-market-A74845>

Transformers Market

<https://www.alliedmarketresearch.com/transformers-market-A06374>

Transformer Core Market

<https://www.alliedmarketresearch.com/transformer-core-market>

Transformer Oil Market

<https://www.alliedmarketresearch.com/transformer-oil-market>

Cast Resin Dry Type Transformer Market

<https://www.alliedmarketresearch.com/cast-resin-dry-type-transformer-market-A15001>

U.S. Cast Resin Transformer Market

<https://www.alliedmarketresearch.com/us-cast-resin-transformer-market-A13102>

Solid State (Smart) Transformer Market

<https://www.alliedmarketresearch.com/solid-state-transformer-market>

Power Transformer Market

<https://www.alliedmarketresearch.com/power-transformers-market>

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the

industry.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/780595155>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.