

Global Oil Immersed Transformer Radiators Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Oil Immersed Transformer Radiators market size was valued at US\$ 1122 million in 2025 and is forecast to a readjusted size of US\$ 1683 million by 2032 with a CAGR of 6.0% during review period.

In 2025, global Oil Immersed Transformer Radiator output reached about 605,000 units, supported by an installed production capacity of about 785,000 units per year, with average unit price USD 1,800, and an average gross margin of around 29%. Oil immersed transformer radiators are external heat-dissipation assemblies attached to oil-filled power and distribution transformers, designed to remove heat generated in the windings and magnetic core by circulating hot insulating oil from the main tank through finned panels, tubular banks, or detachable cooling sections, where heat is transferred to ambient air via natural convection (ONAN) or forced air/oil systems (ONAF/OFAF). In the supply chain, upstream inputs include low-carbon steel plates or tubes (often with corrosion-resistant coatings), welding consumables, transformer-grade gaskets, valves, flanges, and surface treatment chemicals (shot blasting, phosphating, powder coating or epoxy paint), along with fabrication equipment such as roll-forming lines and automated seam welders; midstream manufacturing involves panel forming, robotic welding, leak testing, pressure testing, oil-flow channel integration, surface coating, and quality certification (e.g., ISO, utility standards), typically by specialized radiator manufacturers or vertically integrated transformer OEMs; downstream, radiators are supplied either directly to transformer OEMs (e.g., large power transformer manufacturers) for new-build units or to utilities and EPC contractors for retrofits and replacements, ultimately serving end users such as transmission and distribution utilities, renewable energy plants, industrial facilities, rail electrification systems, and data centers where thermal

management is critical for transformer reliability and lifecycle performance.

This report is a detailed and comprehensive analysis for global Oil Immersed Transformer Radiators market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Oil Immersed Transformer Radiators market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Oil Immersed Transformer Radiators market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Oil Immersed Transformer Radiators market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Oil Immersed Transformer Radiators market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Oil Immersed Transformer Radiators
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Oil Immersed Transformer Radiators market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Trantech, Menk USA, Hi-Tech Radiators, Eurocooler Systems, TTP Technologies, Thermofin, Thermocool Engineering, Sinjungwoo Industrial, Changzhou Tengju Machine, Baoding Chunsheng

Radiator, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Oil Immersed Transformer Radiators market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Panel Type Radiators

Tubular Type Radiators

Market segment by Cooling Mode

ONAN (Oil Natural Air Natural)

ONAF (Oil Natural Air Forced)

OFAF (Oil Forced Air Forced)

Market segment by Application

Electric Utilities & Grid Operators

Renewable Energy Infrastructure

Transportation & Rail Systems

Industrial Power Users

Others

Major players covered

Trantech

Menk USA

Hi-Tech Radiators

Eurocooler Systems

TTP Technologies

Thermofin

Thermocool Engineering

Sinjungwoo Industrial

Changzhou Tengju Machine

Baoding Chunsheng Radiator

Tengqi Electrical Equipment

Golden Star Radiator

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Global Oil Immersed Transformer Radiators Market 2026 by Manufacturers, Regions, Type and Application, Forecas...

Chapter 1, to describe Oil Immersed Transformer Radiators product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Oil Immersed Transformer Radiators, with price, sales quantity, revenue, and global market share of Oil Immersed Transformer Radiators from 2021 to 2026.

Chapter 3, the Oil Immersed Transformer Radiators competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Oil Immersed Transformer Radiators breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Oil Immersed Transformer Radiators market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Oil Immersed Transformer Radiators.

Chapter 14 and 15, to describe Oil Immersed Transformer Radiators sales channel, distributors, customers, research findings and conclusion.

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