

Global PTC Heaters Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global PTC Heaters market size was valued at USD 1375.1 million in 2023 and is forecast to a readjusted size of USD 2608.9 million by 2030 with a CAGR of 9.6% during review period.

PTC heaters come with a lot of promises about being more efficient, safer, and more effective. For these reasons, many space heater manufacturers are switching to PTC elements. A positive temperature coefficient (PTC) heater element uses conductive material with a high positive temperature coefficient to turn electricity into heat. Unlike traditional heaters, these elements exhibit strong self-limiting temperature control since the electrical resistance within the element increases as temperature increases.

Global PTC heaters key players include Eberspacher, MAHLE, Backer Group, DBK Group, Zhenjiang Dongfang Electric Heating Technology Co., LTD., etc. Global top 5 manufacturers hold a share over 45%. Asia-Pacific is the largest market, with a share about 45%, followed by North America and Europe, both have a share about 40 percent.

In terms of product, PTC air heaters is the largest segment, with a share about 85%. And in terms of application, the largest application is electric car, followed by household appliances.

The Global Info Research report includes an overview of the development of the PTC Heaters industry chain, the market status of Electric Car (PTC Air Heaters, PTC Heat Conductors and Convection Heaters), Household Appliances (PTC Air Heaters, PTC Heat Conductors and Convection Heaters), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications

and market trends of PTC Heaters.

Regionally, the report analyzes the PTC Heaters markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global PTC Heaters market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the PTC Heaters market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the PTC Heaters industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (M Units), revenue generated, and market share of different by Power (e.g., PTC Air Heaters, PTC Heat Conductors and Convection Heaters).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the PTC Heaters market.

Regional Analysis: The report involves examining the PTC Heaters market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the PTC Heaters market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to PTC Heaters:

Company Analysis: Report covers individual PTC Heaters manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial

performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards PTC Heaters. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electric Car, Household Appliances).

Technology Analysis: Report covers specific technologies relevant to PTC Heaters. It assesses the current state, advancements, and potential future developments in PTC Heaters areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the PTC Heaters market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

PTC Heaters market is split by Power and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Power, and by Application in terms of volume and value.

Market segment by Power

PTC Air Heaters

PTC Heat Conductors and Convection Heaters

Market segment by Application

Electric Car

Household Appliances

Commercial and Industrial Equipment

Others

Major players covered

Zhenjiang Dongfang Electric Heating Technology

Eberspacher

HGTECH

Backer

Suzhou new electronics

Woory Industrial

DBK

MAHLE

Shanghai Xinye Electronics

Shanghai XINPA

Sharing Electronics

Boyd

Calient?

Headway

Chongqing Shiji Jingxin Industry

STEGO

Xingchen Electric Heater

Beno Electric

KLC

ROTFIL

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:

Chapter 1, to describe PTC Heaters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PTC Heaters, with price, sales, revenue and global market share of PTC Heaters from 2019 to 2024.

Chapter 3, the PTC Heaters competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PTC Heaters breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Power and application, with sales market share and growth rate by power, application, from 2019 to 2030.

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 2017 to 2023. and PTC Heaters market forecast, by regions, power and application, with sales and revenue, from 2025 to 2030.

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 PTC Heaters.

Chapter 14 and 15, to describe PTC Heaters sales channel, distributors, customers, research findings and conclusion.

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