

Global EV Thermal System Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

An electric vehicle thermal system is a series of devices and components used to manage and control the heat of an electric vehicle. It includes components such as cooling systems, heating systems, temperature sensors, fans, radiators, heaters and associated pipework and pumps. The primary role of the EV thermal system is to maintain the critical components of the EV (e.g., batteries, electric motors, etc.) within a suitable operating temperature range to ensure vehicle performance, safety, and longevity. Cooling systems are used to remove heat when components such as batteries and electric motors overheat, while heating systems keep the vehicle's interior warm at low temperatures. The design and management of EV thermal systems is critical to the performance and reliability of EVs.

According to our (Global Info Research) latest study, the global EV Thermal System market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

New energy vehicles are one of the key drivers of the sector. Global electric vehicles continue to grow rapidly, with total global sales of new energy vehicles exceeding 10 million units in 2022, a synchronised growth of 61%. China and Europe have been the main drivers of the strong growth in global electric vehicle sales. in 2022, China's new energy vehicle production and sales reached 7,058,000 and 6,887,000 respectively, up 96.9% and 93.4% year-on-year, and the production and sales of new energy vehicles have been ranked No. 1 globally for eight years in a row. Among them, the sales of pure electric vehicles were 5.365 million units, up 81.6 per cent year-on-year. In 2022, the sales of pure electric vehicles in Europe rose 29 per cent year-on-year to 1.58 million units.



This report is a detailed and comprehensive analysis for global EV Thermal System 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 2024, are provided.

Key Features:

Global EV Thermal System market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global EV Thermal System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global EV Thermal System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2019-2030

Global EV Thermal System market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2019-2024

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 EV Thermal System

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 EV Thermal System 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 BorgWarner, Dana Limited, Hanon Systems,



Valeo SA, Denso Corporation, Bosch, Mahle GmbH, VOSS Automotive, Modine Manufacturing, Gentherm, etc.

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

Market Segmentation

EV Thermal System market is split by Type and by Application. For the period 2019-2030, 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

Heating Ventilation and Air Conditioning

Power Train Cooling

Fluid Transport

Others

Market segment by Application

Battery Electric Vehicle

Hybrid Electric Vehicle

Plug-in Hybrid Electric Vehicle

Fuel Cell Electric Vehicle

Major players covered

BorgWarner



Dana Limited		
Hanon Systems		
Valeo SA		
Denso Corporation		
Bosch		
Mahle GmbH		
VOSS Automotive		
Modine Manufacturing		
Gentherm		
CapTherm Systems		
LG Chem		
Visteon Corporation		
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 EV Thermal System Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030



Chapter 1, to describe EV Thermal System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of EV Thermal System, with price, sales quantity, revenue, and global market share of EV Thermal System from 2019 to 2024.

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

Chapter 4, the EV Thermal System 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 Type and by Application, with sales market share and growth rate by Type, by 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 2019 to 2024.and EV Thermal System market forecast, by regions, by Type, and by 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 EV Thermal System.

Chapter 14 and 15, to describe EV Thermal System sales channel, distributors, customers, research findings and conclusion.



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