

Global Thermal Management System for Automotive Battery Market Growth 2024-2030

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Abstracts

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Automotive Battery Thermal Management System is a system controlling the cooling and pre-heating of battery used in electric and hybrid vehicles. Automotive Battery Thermal Management System is part of the automotive thermal management system. It ensures batteries operate within a certain temperature range, will be crucial to helping electric cars drive greater distances for a longer period of time. The major parts of automotive battery thermal management system are Cooling plate, battery cooler, electronic water pump and electronic expansion valve. Most of these parts are produced by the system suppliers

The global Thermal Management System for Automotive Battery market size is projected to grow from US\$ 769.6 million in 2023 to US\$ 995.5 million in 2030; it is expected to grow at a CAGR of 3.7% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Thermal Management System for Automotive Battery Industry Forecast" looks at past sales and reviews total world Thermal Management System for Automotive Battery sales in 2023, providing a comprehensive analysis by region and market sector of projected Thermal Management System for Automotive Battery sales for 2024 through 2030. With Thermal Management System for Automotive Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thermal Management System for Automotive Battery industry.

This Insight Report provides a comprehensive analysis of the global Thermal Management System for Automotive Battery landscape and highlights key trends

related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Thermal Management System for Automotive Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Thermal Management System for Automotive Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thermal Management System for Automotive Battery and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Thermal Management System for Automotive Battery.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Thermal Management System for Automotive Battery market by product type, application, key manufacturers and key regions and countries.

Segmentation by type

Liquid Cooling

Air Cooling

Refrigerant Cooling

Segmentation by application

PHEV

EV

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Mahle

Valeo

Bosch

Hana System

Dana

Gentherm

Continental

VOSS Automotive

CapTherm System

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thermal Management System for Automotive Battery market?

What factors are driving Thermal Management System for Automotive Battery market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Thermal Management System for Automotive Battery market opportunities vary by end market size?

How does Thermal Management System for Automotive Battery break out type, application?

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