

Global Thermal Management System for EV Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Thermal Management System for EV market size was valued at US\$ million in 2023. With growing demand in downstream market, the Thermal Management System for EV is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Thermal Management System for EV market. Thermal Management System for EV are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Thermal Management System for EV. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Thermal Management System for EV market.

Thermal Management System performs essential automotive functions, such as reducing thermal load, waste heat recovery, and heat transfer, among others. Regulatory norms and global automotive standards have made Thermal Management Systems a mandatory component. Furthermore, the installation of automotive Thermal Management System significantly enhances passenger comfort and powertrain performance and can be used in both, conventional and electric cars. This report mainly studies Thermal Management System for EV market, by types (Battery Thermal Management System, Automotive HVAC, and Others), by application (Passenger Vehicles and Commercial Vehicles).

Global EV sales continued strong. A total of 10.5 million new BEVs and PHEVs were delivered during 2022, an increase of +55 % compared to 2021. China and Europe emerged as the main drivers of strong growth in global EV sales. In 2022, the production and sales of new energy vehicles in China reach 7.0 million and 6.8 million respectively, a year-on-year increase of 96.9% and 93.4%, with a market share of 25.6%. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. Among them, the sales volume of pure electric vehicles was 5.365 million, a year-on-year increase of 81.6%. In 2022, sales of pure electric vehicles in Europe will increase by 29% year-on-year to 1.58 million.

Key Features:

The report on Thermal Management System for EV market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Thermal Management System for EV market. It may include historical data, market segmentation by Type (e.g., Battery Thermal Management System, Automotive HVAC), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Thermal Management System for EV market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Thermal Management System for EV market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Thermal Management System for EV industry. This include advancements in Thermal Management System for EV technology, Thermal Management System for EV new entrants, Thermal Management System for EV new investment, and other innovations that are shaping the future of Thermal Management System for EV.

Downstream Procumbent Preference: The report can shed light on customer

procumbent behaviour and adoption trends in the Thermal Management System for EV market. It includes factors influencing customer ' purchasing decisions, preferences for Thermal Management System for EV product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Thermal Management System for EV market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Thermal Management System for EV market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Thermal Management System for EV market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Thermal Management System for EV industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Thermal Management System for EV market.

Market Segmentation:

Thermal Management System for EV 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.

Segmentation by type

Battery Thermal Management System

Automotive HVAC

Others

Segmentation by application

Passenger Vehicles

Commercial Vehicles

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.

Robert Bosch

Continental

Valeo

Calsonic Kansei

Gentherm

Dana

Mahle

LG Chem

Samsung SDI

VOSS Automotive

Hanon Systems

Grayson Thermal Systems

Key Questions Addressed in this Report

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

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

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

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

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

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