

# Automotive Battery Thermal Management System Market to Reach US\$ 15,265.63 Million Growing at 14.6% CAGR From 2025-2034

*The flourishing automotive sector and growing demand for electric vehicles a prominent factor driving the automotive battery thermal management system market*

NEW YORK CITY, NY, UNITED STATES, January 21, 2025 /EINPresswire.com/ -- The [automotive battery thermal management system market](#) forecast for 2034 is a specialized study of the industry with a specific concentration on the global market trend analysis.



The usage of automotive BTMS sanctions maximal temperature regulation, economy, and enhanced presentation in EV batteries”  
*Polaris Market Research*

According to an exhaustive report by Polaris Market Research, the global automotive battery thermal management system market is poised for significant growth over the next decade. In 2024, global sales income reached USD 3,350.57 million. Predicted to boost at a

robust CAGR of 14.6%, the market is estimated to reach USD 15,265.63 million by 2034.

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The BTMS assists in sustaining a battery pack at its maximal temperature range of 20 to 45 degrees Celsius, irrespective of atmospheric temperature. For each vehicle outline, the needed presentation and cycle life of the battery pack will be contemplated to decide the particular set point for the battery pack temperature.

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[https://www.polarismarketresearch.com/industry-analysis/automotive-battery-thermal-management-system-market/request-for-sample?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/automotive-battery-thermal-management-system-market/request-for-sample?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

In cold atmospheric conditions, the battery pack may be required to be warmed to ease charging or preconditioning and acquiring of the pack temperature to be of perfect range. The growing demand for electric vehicles is impacting the automotive battery thermal management system market growth favorably.

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The market research report circumscribes exhaustive vendor share research for all prominent market contenders. The market is excessively aggressive and has the existence of a massive amount of compact and huge vendors. Here are some of the leading players in the automotive battery thermal management system market:

- Robert Bosch GmbH
- Dana Incorporated
- LG Chem.
- Calsonic Kansei Corporation
- Continental AG
- Gentherm Incorporated
- VOSS Automotive

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- In February 2024, Betterfrost declared an association with DENSO and the Ontario Vehicle Innovation Network. With the association, Betterfrost targets to enhance the ranges of its EVs in excessive cold or heat.
- In February 2024, Modine embarked on a decisive agreement for the obtaining of Scott Springfield Manufacturing. Through this accession the company targets to obtain its line of commodities by involving air handling units.

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Technological Progressions: Growing concentration on technological progressions, surging acquisition of progressive lithium-ion batteries, and escalating application of battery-pushed public conveyance are the critical market trends expected to drive the market growth.

Growing Acquisition of EVs: The growing acquisition of EVs is propelling the market forward by involving the productive handling of EV batteries. With more consumers opting for EVs for ecological advantages and government enterprises and policies push their demand which in turn is having a favourable impact on automotive battery thermal management system market sales.

**Automotive Battery Thermal Management System Market**

14.6%  
CAGR from 2025-2034

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Automotive Battery Thermal Management System Market

The graphic features a blue-tinted illustration of an electric vehicle's chassis with a battery pack and thermal management components highlighted. A red circular icon with a white upward-pointing arrow is positioned over the battery area. The text '14.6%' is displayed in white on a red rectangular background, with 'CAGR from 2025-2034' written in smaller black text below it. The Polar Market Research logo is located in the bottom right corner of the graphic.

Surge In Urbanization: Many regions globally are encountering growing urbanization, with more people shifting to cities. This move from urban areas is powered by speedy industrialization and growing work possibilities in urban areas.

Asia Pacific: Asia Pacific accounted for the largest automotive battery thermal management system market share. The region's robust growth is primarily due to the elevated acquisition of EVs in prominent nations such as China.

Europe: Europe is anticipated to witness significant growth from 2025 to 2034. This can be attributed to the existence of many spearheading market contenders and prominent automobile firms.

For more information, visit our website:

[https://www.polarismarketresearch.com/industry-analysis/automotive-battery-thermal-management-system-market/inquire-before-buying?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/automotive-battery-thermal-management-system-market/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

By Technology Outlook

By Technology Outlook

- Active Battery Thermal Management System
- Passive Battery Thermal Management System

By Battery Type Outlook

- Conventional Batteries
- Solid-State Batteries

By Vehicle Type Outlook

- Passenger Vehicles
- Commercial Vehicles

By Propulsion Outlook

- Battery Electric Vehicles
- Hybrid Electric Vehicles
- Plug-in Electric Vehicles
- Fuel Cell Vehicles

By Regional Outlook

- North America
  - o US
  - o Canada

- Europe
  - o Germany
  - o France
  - o UK
  - o Italy
  - o Spain
  - o Netherlands
  - o Russia
  - o Rest of Europe

- Asia Pacific
  - o China
  - o Japan
  - o India
  - o Malaysia
  - o South Korea
  - o Indonesia
  - o Australia
  - o Rest of Asia Pacific

- Middle East & Africa
  - o Saudi Arabia
  - o UAE
  - o Israel
  - o South Africa
  - o Rest of the Middle East & Africa

- Latin America
  - o Mexico
  - o Brazil
  - o Argentina
  - o Rest of Latin America

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How much is the automotive battery thermal management system market?

The market size was valued at USD 3,350.57 million in 2024 and is projected to grow to USD 15,265.63 million by 2034.

Which region held the largest automotive battery thermal management system market share?  
Asia Pacific accounted for the largest market share in 2024.

Which segment by vehicle type held a larger share of the market in 2024?

The passenger vehicles segment accounted for a larger revenue share in 2024.

What is the growth rate of the market?

The market is projected to register a CAGR of 14.6% from 2025 to 2034.

Automotive Battery Thermal Management System Market Size is Projected to Grow to US\$ 15,265.63 Million at CAGR 14.6% From 2025 to 2034

[Automotive Battery Thermal Management System Market Size](https://www.polarismarketresearch.com/industry-analysis/automotive-battery-thermal-management-system-market) is Projected to Grow to US\$ 15,265.63 Million at CAGR 14.6% From 2025 to 2034

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Likhil G

Polaris Market Research and Consulting

+ +1 929-297-9727

sales@polarismarketresearch.com

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