

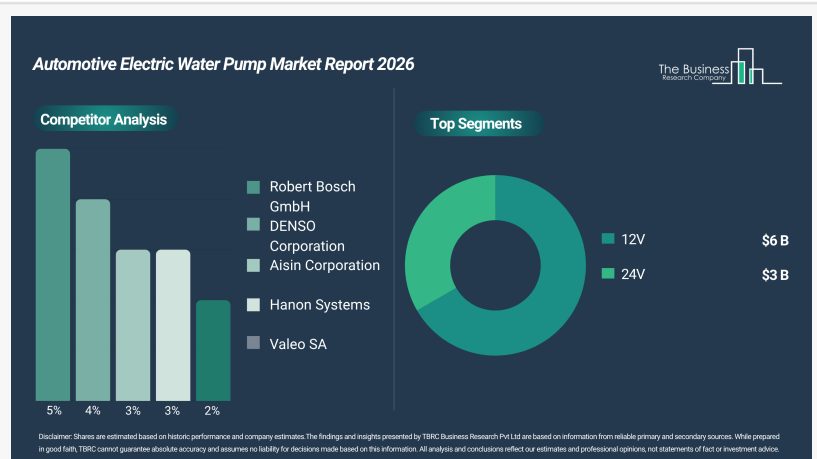
Automotive Electric Water Pump Market Report Analyzes Market Dynamics, Segment Details, and Business Strategies

The Business Research Company's Automotive Electric Water Pump Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

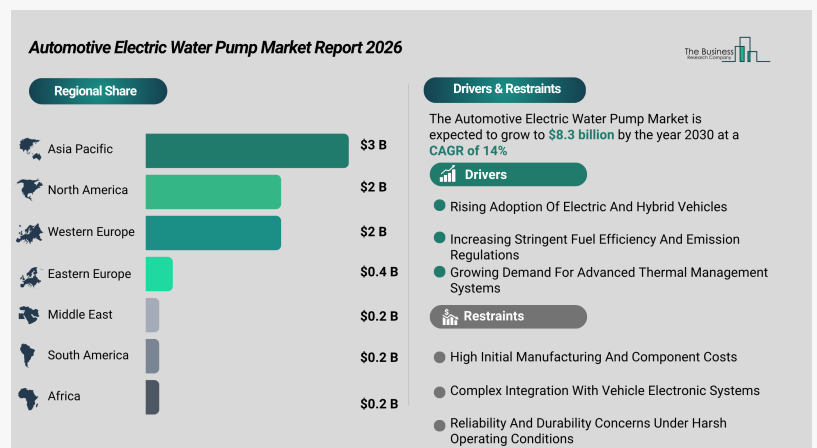
LONDON, GREATER LONDON, UNITED KINGDOM, October 12, 2026 /EINPresswire.com/ -- "The [automotive electric water pump market](#) is a vital segment within the broader automotive components industry, driven by the push toward more efficient and environmentally friendly vehicles. As manufacturers innovate in thermal management and electrification technologies, the demand for advanced electric water pumps is growing rapidly. Understanding this market's size, key players, and future trends is essential for stakeholders aiming to capitalize on the evolving landscape shaped by emission standards and the rise of electric and hybrid vehicles.

Forecast and Market Size Insights for the Automotive Electric Water Pump Market

The automotive electric water pump market is set to surpass \$8 billion by 2030. This segment, which is part of the larger Motor Vehicle Parts market expected to reach about \$3,945 billion by the same year, accounts for roughly 0.2% of that total. Within the even broader Transport industry—forecasted to hit \$9,400 billion—the electric water pump segment represents nearly 0.1% of the overall value. The market is anticipated to expand steadily, growing at a compound



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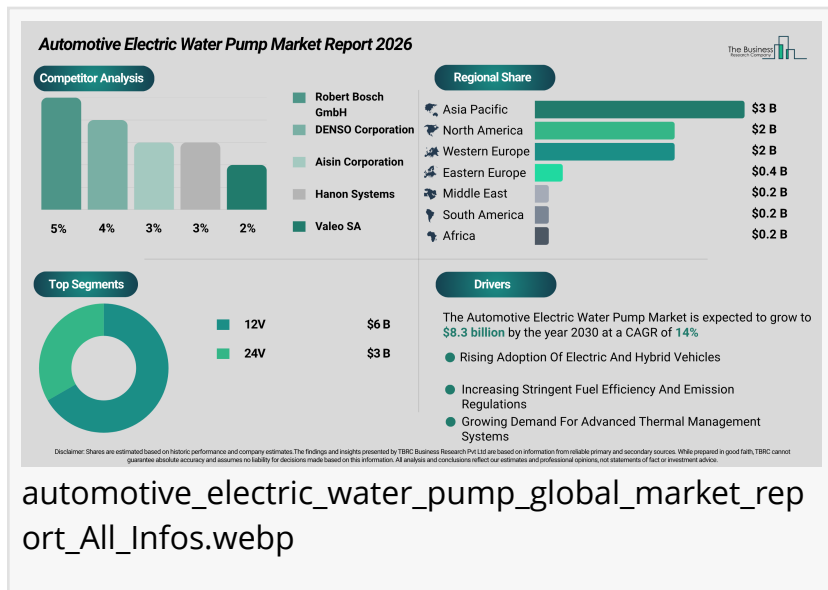


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annual growth rate (CAGR) of 14% through 2030.

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Understanding the [Automotive Electric Water Pump Market's Key Segments](#)

This market is categorized by voltage into 12V and 24V types, with the 12V segment expected to dominate by 2030, capturing 67% or \$6 billion of the market share. The preference for 12V pumps stems from their widespread use in passenger vehicles equipped with start-stop systems, their compact and lightweight design, and their reliability in providing consistent coolant flow across conventional and mild hybrid cars. Additionally, ongoing improvements in efficiency and durability are contributing to their popularity among mass-market models.

Further breakdown identifies vehicle types such as passenger vehicles, light commercial vehicles, heavy-duty trucks, buses, and coaches. In terms of application, electric water pumps serve engines, turbochargers, batteries, and other vehicle components. Sales channels include original equipment manufacturers (OEMs) and the aftermarket sector, reflecting diverse pathways for product distribution.

Access The Detailed Automotive Electric Water Pump Market Report Here

https://thebusinessresearchcompany.com/report/automotive-electric-water-pump-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR

Regional Growth and Leadership in the [Global Automotive Electric Water Pump Market](#)

Asia-Pacific stands out as the largest regional market for automotive electric water pumps in 2030, with a valuation of \$3.0 billion, up from \$1.6 billion in 2025. This growth, following a 14% CAGR, is propelled by increasing hybrid and electric vehicle production, a focus on energy-efficient thermal management systems, investments in advanced manufacturing, and regulatory pressures aimed at reducing emissions through electrified powertrains.

Country-Level Market Leadership with the USA

The United States is forecasted to be the leading country in this market by 2030, reaching \$1.8 billion in value, up from \$0.9 billion in 2025 at a 15% CAGR. The expansion is fueled by the growing adoption of battery electric and plug-in hybrid vehicles, enhanced cooling technologies

in next-gen vehicles, national electrification initiatives, and a rising demand for electronically controlled components that optimize performance and thermal efficiency.

Top Companies Driving Market Share in Automotive Electric Water Pumps

Robert Bosch GmbH emerged as the global market leader in 2025, commanding a 5% share according to The Business Research Company. Bosch's automotive components division specializes in electric water pumps, thermal management, and electrification technologies designed for engine cooling, hybrids, electric vehicles, and advanced temperature regulation.

Market Fragmentation and Competitive Landscape

The automotive electric water pump market is moderately fragmented. In 2025, the top 10 companies collectively accounted for 27% of total revenue. This reflects moderate entry barriers due to the need for sophisticated electric motor technology, strong thermal management expertise, compliance with automotive quality standards, and effective cooling solutions for combustion engines, hybrids, and EVs. Leading players maintain their positions through diversified product lines, partnerships with automakers, global manufacturing footprints, and ongoing innovation in pump and thermal management technologies. As demand for efficient cooling and electrification grows, collaboration, product development, and regional expansion are expected to strengthen their dominance.

Market shares of leading companies in 2025 include:

- Robert Bosch GmbH (5%)
- DENSO Corporation (4%)
- Aisin Corporation (3%)
- Hanon Systems (3%)
- Valeo SA (2%)
- MAHLE GmbH (2%)
- BorgWarner Inc. (2%)
- Continental AG (2%)
- Schaeffler AG (2%)
- Hitachi Astemo Ltd. (0.3%)

Primary Growth Drivers in the Automotive Electric Water Pump Sector

One major factor accelerating market growth is the increasing adoption of electric and hybrid vehicles. Electric water pumps efficiently regulate battery, motor, inverter, and power electronics temperatures by supplying coolant only as needed, saving energy and extending component life. Government policies supporting the rise of EVs and hybrids further boost demand for these intelligent cooling systems, contributing approximately 2.5% annual growth to the market.

Another significant driver is the tightening of fuel efficiency and emission standards worldwide. Since electric water pumps operate independently from engine speed, they reduce parasitic energy losses, thereby improving fuel economy and lowering emissions. Their compatibility with turbocharged engines, start-stop systems, and hybrid powertrains helps automakers meet

regulatory requirements, adding about 2.4% yearly growth.

The growing need for sophisticated thermal management solutions also propels market expansion. Modern vehicles require precise temperature control across batteries, transmissions, fuel cells, onboard electronics, and HVAC systems. Electronically controlled pumps circulate coolant efficiently based on real-time conditions, enhancing system reliability and performance, which drives roughly 2.2% annual market growth.

Key Innovation Trends Transforming the Automotive Electric Water Pump Market

Electric auxiliary water pumps are reshaping the market by enhancing thermal management capabilities, vehicle performance, and support for the rising number of hybrid and electric vehicles. For example, in February 2024, Schaeffler AG introduced advanced electric auxiliary water pumps under its INA brand. These pumps provide efficient coolant flow and reliable thermal control, compatible with combustion engines as well as hybrids and EVs, meeting the evolving needs of automotive electrification.

Competitive Strategies Employed by Market Participants

Market leaders are focusing on advancing electric water pump technology to boost thermal management efficiency and overall system performance. They invest in innovative pump designs that offer improved reliability and durability. Expanding production capacities to meet the growing demand is another key strategy. Additionally, integrating smart control technologies helps optimize coolant regulation and enhances powertrain efficiency.

Growth Potential and Market Opportunities Through 2030

The 12V and 24V segments represent the most promising growth areas, expected to collectively add over \$4 billion in market value by 2030. The 12V segment alone is projected to grow by \$3 billion, with 24V increasing by \$1 billion between 2025 and 2030. This expansion will be fueled by rising output of passenger and commercial vehicles, wider adoption of electric and hybrid powertrains, escalating demand for energy-efficient thermal management, stricter emissions and fuel efficiency mandates, and the development of compact, high-performance pump designs aimed at improving cooling effectiveness and vehicle operation.

Key Players Active in the Automotive Electric Water Pump Market

Prominent companies competing within this market include Robert Bosch GmbH, DENSO Corporation, Aisin Corporation, Hanon Systems, Valeo SA, MAHLE GmbH, BorgWarner Inc., Continental AG, Schaeffler AG, Hitachi Astemo Ltd., Johnson Electric Holdings Limited, Nidec Corporation, Sanhua Automotive Components, Pierburg GmbH, Bühler Motor GmbH, Gates Corporation, Sanden Corporation, GMB Corporation, Airtex Products L.P., Davies Craig Pty Ltd., and VOVYO Technology Co., Ltd.

The Automotive Electric Water Pump Market Ecosystem Participants

The ecosystem supporting this market includes a broad network of raw material suppliers such as BASF SE, Covestro AG, Dow Inc., DuPont de Nemours, Inc., Celanese Corporation, SABIC,

Solvay S.A., Evonik Industries AG, LyondellBasell Industries N.V., Mitsubishi Chemical Group Corporation, Toray Industries, Inc., Arkema S.A., Huntsman Corporation, Borealis AG, LG Chem Ltd., Eastman Chemical Company, Asahi Kasei Corporation, Kuraray Co., Ltd., Saint-Gobain S.A., Henkel AG & Co. KGaA, Nitto Denko Corporation, TDK Corporation, Murata Manufacturing Co., Ltd., Infineon Technologies AG, and NXP Semiconductors N.V.

Wholesalers and distributors such as WESCO International, Inc., Arrow Electronics, Inc., Avnet, Inc., Digi-Key Electronics, Mouser Electronics, Inc., RS Group plc, TTI, Inc., Newark Electronics, Allied Electronics & Automation, Inc., Rutronik Elektronische Bauelemente GmbH, Farnell Global, element14, Inc., Sager Electronics, Inc., Master Electronics, Inc., PEI-Genesis, Inc., Richardson Electronics Ltd., Heilind Electronics, Inc., Smith & Associates, Fusion Worldwide, Inc., Rochester Electronics, LLC, Macnica, Inc., Marubeni Information Systems Co., Ltd., Premier Farnell Limited, and Symmetry Electronics, Inc. also play critical roles.

Finally, end users include leading automotive and components manufacturers such as Robert Bosch GmbH, Continental AG, Denso Corporation, MAHLE GmbH, Valeo S.A., BorgWarner Inc., Johnson Electric Holdings Limited, Aisin Corporation, Rheinmetall AG, Schaeffler AG, ZF Friedrichshafen AG, Hitachi Astemo Ltd., Marelli Holdings Co., Ltd., HELLA GmbH & Co. KGaA, Vitesco Technologies Group AG, Gates Corporation, Dayco IP Holdings LLC, Pierburg GmbH, Garrett Motion Inc., Tesla, Inc., Volkswagen AG, BMW Group, Ford Motor Company, and General Motors Company.

Key enhancements in our 2026 market reports include:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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We provide continuous and custom research services, offering a range of specialized packages tailored to your needs, including Market Entry Research Package, Competitor Tracking Package, Supplier & Distributor Package and much more.

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