

Automotive Electronics Market Size, Trends, Analysis, and Outlook by Type (Electronic Control Unit, Sensors, Current Carrying Devices, Others), Application (ADAS, Infotainment, Body Electronics, Safety Systems, Powertrain Electronics), Vehicle (Two-Wheeler, Passenger Car, Light Commercial Vehicle, Heavy Commercial Vehicle), Propulsion (ICE, Electric), Sales Channel (OEM, Aftermarket), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automotive Electric Water Pump market size is poised to register 10.81% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Electric Water Pump market by Application (Engine Cooling, Battery Cooling, Turbocharger Cooling, Others), Component (Rotor, Stator, Shaft, Shaft Sleeve, Impeller, Pump Body), Voltage Range (12 V, 24 V, 48 V), Distribution Channel (Offline, Online).

The Automotive Electric Water Pump Market is poised for significant evolution until 2030, driven by pivotal trends and drivers. With the automotive industry's increasing emphasis on electrification, fuel efficiency, and thermal management, there's a growing demand for electric water pumps that offer higher efficiency, reduced energy consumption, and precise coolant flow control to optimize engine performance and reduce emissions. This demand is further fueled by regulatory mandates worldwide, pushing for stricter emission standards and the adoption of electric and hybrid powertrains, supporting automakers to invest in innovative water pump technologies. In addition, as vehicle designs evolve toward electrification and lightweight, there's a trend toward the development of compact and lightweight water pumps made from advanced

materials such as composite plastics and aluminum alloys, offering benefits such as weight reduction, improved durability, and enhanced thermal management. Further, advancements in pump design, motor technology, and electronic controls are anticipated to enable the production of pumps with variable speed operation, adaptive cooling strategies, and integrated predictive maintenance features, ensuring optimal coolant flow and system reliability. Furthermore, the increasing integration of electric water pumps with advanced engine management systems, thermal management systems, and electrified drivetrains is expected to drive market growth for pumps with intelligent control algorithms, real-time diagnostics, and adaptive cooling strategies, shaping the future landscape of the Automotive Electric Water Pump Market toward 2030. .

Automotive Electric Water Pump Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Electric Water Pump market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Electric Water Pump survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Electric Water Pump industry.

Key market trends defining the global Automotive Electric Water Pump demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Automotive Electric Water Pump Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Electric Water Pump industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Electric Water Pump companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Electric Water Pump industry

Leading Automotive Electric Water Pump companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Electric Water Pump companies.

Automotive Electric Water Pump Market Study- Strategic Analysis Review

The Automotive Electric Water Pump market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Automotive Electric Water Pump Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Electric Water Pump industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Automotive Electric Water Pump Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Automotive Electric Water Pump Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large

consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Electric Water Pump market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Electric Water Pump companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Electric Water Pump market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Automotive Electric Water Pump Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive Electric Water Pump industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Electric Water Pump market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Automotive Electric Water Pump Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Electric Water Pump in Asia Pacific. In particular, China, India, and South East Asian Automotive Electric Water Pump markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Automotive Electric Water Pump Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers,

spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Automotive Electric Water Pump Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Electric Water Pump market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Electric Water Pump.

Automotive Electric Water Pump Market Company Profiles

The global Automotive Electric Water Pump market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Aisin Seiki Co. Ltd, BLDC Pump Co. Ltd, Continental AG, Gates Corp, Hitachi Automotive Systems Americas Inc, Mitsubishi Electric Corp, Rheinmetall Automotive, Robert Bosch GmbH, VOVYO Technology Co. Ltd.

Recent Automotive Electric Water Pump Market Developments

The global Automotive Electric Water Pump market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Automotive Electric Water Pump Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Application

Engine Cooling

Battery Cooling

Turbocharger Cooling

Others

Component

Rotor

Stator

Shaft

Shaft Sleeve

Impeller

Pump Body

Voltage Range

12 V

24 V

48 V

Distribution Channel

Offline

Online

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Aisin Seiki Co. Ltd

BLDC Pump Co. Ltd

Continental AG

Gates Corp

Hitachi Automotive Systems Americas Inc

Mitsubishi Electric Corp

Rheinmetall Automotive

Robert Bosch GmbH

VOVYO Technology Co. Ltd.
Formats Available: Excel, PDF, and PPT

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 - Electronic Control Unit
 - Sensors

Current Carrying Devices

Others

Application

ADAS

Infotainment

Body Electronics

Safety Systems

Powertrain Electronics

Vehicle

Two-Wheeler

Passenger Car

Light Commercial Vehicle

Heavy Commercial Vehicle

Propulsion

ICE

Electric

Sales Channel

OEM

Aftermarket

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- Hella GmbH & Co. KgaA
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- Infineon Technologies AG
- Robert Bosch GmbH
- Valeo Inc
- Visteon Corp
- Xilinx Inc
- ZF Friedrichshafen AG

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