

Automotive Electric Fuel Pumps Market Size, Share & Trends Analysis Report By Product (Brushed DC, Brushless DC), By Technology (Turbine Style, Sliding Vane), By Application (Cars, LCVs, HCVs), By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/A47FFB0C6D66EN.html>

Date: February 2025

Pages: 130

Price: US\$ 4,950.00 (Single User License)

ID: A47FFB0C6D66EN

Abstracts

This report can be delivered to the clients within 3 Business Days

Automotive Electric Fuel Pumps Market Growth & Trends

The global automotive electric fuel pumps market size is expected to reach USD 29.10 billion by 2030, registering a CAGR of 6.1% from 2025 to 2030, according to a new report by Grand View Research, Inc. An automotive electric fuel pump is used to pump fuel from tanks to injectors, which further sprays fuel into the engine with high pressure. Surging demand for high fuel-efficient pumps to reduce the overall fuel consumption in vehicles along with rise in global vehicle production and sales is anticipated to propel the market over the forecast period.

An electric fuel pump is widely used in vehicles, owing to its numerous benefits such as high product reliability, power output, and fuel efficiency as compared to mechanical fuel pumps. The adoption of automotive electric fuel pumps among original equipment manufacturers (OEMs) in modern vehicles has increased significantly as the product ensures accurate injection pressure and flow of fuel into the engine. Moreover, stringent government regulations to produce fuel-efficient and low carbon emission vehicles are expected to create remarkable growth opportunities for the market during the forecast period.

Prominent market players such as Robert Bosch GmbH, Denso Corporation, Delphi Automotive, and Continental AG are increasingly focusing on partnership agreements with automobile manufacturers to supply electric fuel pumps to enhance their overall market presence and profitability. Besides, a few key market players are

expanding their production facilities in developing countries to avail the product at affordable costs to OEMs and aftermarket consumers. For instance, in 2013, Continental AG started its new production plants for fuel pumps in India to supply the products to its key clients such as Volkswagen Group. Despite numerous product benefits, increasing production of counterfeit products, coupled with rapidly growing adoption of electric vehicles, is likely to hinder the growth of the automotive electric fuel pumps market over the forecast period.

Automotive Electric Fuel Pumps Market Report Highlights

The brushed DC segment led the market with the largest revenue share of 66.29% in 2024. The high torque output at low speeds is provided by brushed DC motors, which is ideal for the precise pumping requirements of automotive fuel systems.

Based on technology, the turbine style segment accounted for the largest revenue share in 2024. The sliding vane segment is expected to register at a significant CAGR during the forecast period.

Based on application, the LCVs segment dominated the market with the largest revenue share in 2024. The growing e-commerce sector and last-mile delivery services have propelled the demand for LCVs.

Asia Pacific dominated the automotive electric fuel pumps market with the largest revenue share of 58.84% in 2024.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Research Methodology
 - 1.2.1. Information Procurement
- 1.3. Information or Data Analysis
- 1.4. Methodology
- 1.5. Research Scope and Assumptions
- 1.6. Market Formulation & Validation
- 1.7. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. AUTOMOTIVE ELECTRIC FUEL PUMPS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
 - 3.2.3. Industry Challenge
- 3.3. Automotive Electric Fuel Pumps Market Analysis Tools
 - 3.3.1. Industry Analysis - Porter's
 - 3.3.1.1. Bargaining power of the suppliers
 - 3.3.1.2. Bargaining power of the buyers
 - 3.3.1.3. Threats of substitution
 - 3.3.1.4. Threats from new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political landscape
 - 3.3.2.2. Economic landscape
 - 3.3.2.3. Social landscape
 - 3.3.2.4. Technological landscape

3.3.2.5. Environmental landscape

3.3.2.6. Legal landscape

CHAPTER 4. AUTOMOTIVE ELECTRIC FUEL PUMPS MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

4.1. Segment Dashboard

4.2. Automotive Electric Fuel Pumps Market: Product Movement Analysis, USD Million, 2024 & 2030

4.3. Brushed DC

4.3.1. Brushed DC Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

4.4. Brushless DC

4.4.1. Brushless DC Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 5. AUTOMOTIVE ELECTRIC FUEL PUMPS MARKET: TECHNOLOGY ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. Automotive Electric Fuel Pumps Market: Technology Movement Analysis, USD Million, 2024 & 2030

5.3. Turbine Style

5.3.1. Turbine Style Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

5.4. Sliding Vane

5.4.1. Sliding Vane Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

5.5. Roller Vane

5.5.1. Roller Vane Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. AUTOMOTIVE ELECTRIC FUEL PUMPS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. Automotive Electric Fuel Pumps Market: Application Movement Analysis, USD Million, 2024 & 2030

6.3. Cars

- 6.3.1. Cars Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 6.4. LCVs
 - 6.4.1. LCVs Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 6.5. HCVs
 - 6.5.1. HCVs Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 7. AUTOMOTIVE ELECTRIC FUEL PUMPS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Automotive Electric Fuel Pumps Market Share, By Region, 2024 & 2030, USD Million
 - 7.2. North America
 - 7.2.1. North America Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.2.2. U.S.
 - 7.2.2.1. U.S. Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.2.3. Canada
 - 7.2.3.1. Canada Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.2.4. Mexico
 - 7.2.4.1. Mexico Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.3. Europe
 - 7.3.1. Europe Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.3.2. UK
 - 7.3.2.1. UK Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.3.3. Germany
 - 7.3.3.1. Germany Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.3.4. France
 - 7.3.4.1. France Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.4. Asia Pacific
 - 7.4.1. Asia Pacific Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.4.2. China

7.4.2.1. China Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.3. Japan

7.4.3.1. Japan Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.4. India

7.4.4.1. India Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.5. South Korea

7.4.5.1. South Korea Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.6. Australia

7.4.6.1. Australia Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5. Latin America

7.5.1. Latin America Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.2. Brazil

7.5.2.1. Brazil Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6. Middle East and Africa

7.6.1. Middle East and Africa Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.2. UAE

7.6.2.1. UAE Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.3. KSA

7.6.3.1. KSA Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.4. South Africa

7.6.4.1. South Africa Automotive Electric Fuel Pumps Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Company Categorization

8.2. Company Market Positioning

8.3. Company Heat Map Analysis

8.4. Company Profiles/Listing

8.4.1. Aptiv

8.4.1.1. Participant's Overview

8.4.1.2. Financial Performance

8.4.1.3. Product Benchmarking

8.4.1.4. Strategic Initiatives

8.4.2. Continental AG

8.4.2.1. Participant's Overview

8.4.2.2. Financial Performance

8.4.2.3. Product Benchmarking

8.4.2.4. Strategic Initiatives

8.4.3. General Motors

8.4.3.1. Participant's Overview

8.4.3.2. Financial Performance

8.4.3.3. Product Benchmarking

8.4.3.4. Strategic Initiatives

8.4.4. Pricol Limited

8.4.4.1. Participant's Overview

8.4.4.2. Financial Performance

8.4.4.3. Product Benchmarking

8.4.4.4. Strategic Initiatives

8.4.5. Robert Bosch GmbH

8.4.5.1. Participant's Overview

8.4.5.2. Financial Performance

8.4.5.3. Product Benchmarking

8.4.5.4. Strategic Initiatives

8.4.6. Visteon Corporation

8.4.6.1. Participant's Overview

8.4.6.2. Financial Performance

8.4.6.3. Product Benchmarking

8.4.6.4. Strategic Initiatives

8.4.7. Tenneco Inc.

8.4.7.1. Participant's Overview

8.4.7.2. Financial Performance

8.4.7.3. Product Benchmarking

8.4.7.4. Strategic Initiatives

8.4.8. Daewha

8.4.8.1. Participant's Overview

8.4.8.2. Financial Performance

8.4.8.3. Product Benchmarking

8.4.8.4. Strategic Initiatives

I would like to order

Product name: Automotive Electric Fuel Pumps Market Size, Share & Trends Analysis Report By Product (Brushed DC, Brushless DC), By Technology (Turbine Style, Sliding Vane), By Application (Cars, LCVs, HCVs), By Region, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/A47FFB0C6D66EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A47FFB0C6D66EN.html>