

Smart Parking Meter Market Size, Trends, Analysis, and Outlook by Type (Single Space Meters, Multi-Space Meters), Parking Mode (Pay & Display, Plate, Space, Others), Application (Government Institutions, Medical Institutions, Malls & Stadiums, Transit Systems, Residential, Others), by Country, Segment, and Companies, 2024-2030

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# **Abstracts**

The global Passenger Vehicle Motor market size is poised to register 6.39% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Passenger Vehicle Motor market by Type (Brushed DC Motors, Brushless DC Motor, AC Induction Motor), Application (Electronic Power Steering, Seating Control, Electric Vehicles Drivetrain), Vehicle (Passenger Cars, Electric Vehicles), Sales Channel (OEMs, Aftermarket).

The Passenger Vehicle Motor Market is poised for significant transformation until 2030, driven by pivotal trends and drivers. As automotive manufacturers shift toward electrification to meet stringent emissions regulations and address environmental concerns, there's a growing demand for electric motors in passenger vehicles.

Technological advancements such as advancements in battery technology, improved motor efficiency, and the development of advanced electric drivetrains are reshaping the motor market, offering consumers greater range, performance, and efficiency in electric vehicles (EVs). In addition, government incentives and mandates aimed at promoting electric vehicle adoption are accelerating the transition toward electrification, driving investment and innovation in motor technology. Further, the rise of autonomous driving and connected vehicles is fueling demand for high-performance motors capable of supporting advanced driver assistance systems (ADAS) and autonomous driving features. Furthermore, as consumer preferences evolve toward sustainable



transportation options, there's a growing interest in eco-friendly materials and energy-efficient designs in motor manufacturing. To excel in this dynamic market, motor manufacturers must continue to innovate, collaborate with automakers, and adapt to changing regulatory landscapes to meet the evolving needs of the Passenger Vehicle Motor Market in the coming decade..

Passenger Vehicle Motor 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 Passenger Vehicle Motor market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Passenger Vehicle Motor 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 Passenger Vehicle Motor industry.

Key market trends defining the global Passenger Vehicle Motor 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.

Passenger Vehicle Motor Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Passenger Vehicle Motor industry comprises a wide range of segments and subsegments. 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 Passenger Vehicle Motor companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Passenger Vehicle Motor industry Leading Passenger Vehicle Motor 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 Passenger Vehicle Motor companies.



Passenger Vehicle Motor Market Study- Strategic Analysis Review

The Passenger Vehicle Motor 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.

Passenger Vehicle Motor Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Passenger Vehicle Motor 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 scenarioslow case, reference case, and high case scenarios.

Passenger Vehicle Motor 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 Passenger Vehicle Motor 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 Passenger Vehicle Motor market segments. Similarly, Strong end-user demand is encouraging Canadian Passenger Vehicle Motor companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Passenger Vehicle Motor market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.



Europe Passenger Vehicle Motor Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Passenger Vehicle Motor 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 Passenger Vehicle Motor 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 Passenger Vehicle Motor 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 Passenger Vehicle Motor in Asia Pacific. In particular, China, India, and South East Asian Passenger Vehicle Motor 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 Passenger Vehicle Motor 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 Passenger Vehicle Motor 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 Passenger Vehicle Motor market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Passenger



Vehicle Motor.

Passenger Vehicle Motor Market Company Profiles

The global Passenger Vehicle Motor 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 Borgwarner Inc, Continental AG, Denso Corp, Johnson Electric Holdings Ltd, Magna International, Mahle Group, Mitsuba Corp, Mitsubishi Electric Corp, Nidec Corp, Robert Bosch GmbH, Siemens AG.

Recent Passenger Vehicle Motor Market Developments

The global Passenger Vehicle Motor market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Passenger Vehicle Motor 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:

Type

**Brushed DC Motors** 

Brushless DC Motor

**AC Induction Motor** 

Application

**Electronic Power Steering** 

Seating Control



Electric Vehicles Drivetrain

Vehicle

Passenger Cars

**Electric Vehicles** 

Sales Channel

**OEMs** 

Aftermarket

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Borgwarner Inc

Continental AG

Denso Corp

Johnson Electric Holdings Ltd

Magna International

Mahle Group

Mitsuba Corp

Mitsubishi Electric Corp

Nidec Corp

Robert Bosch GmbH

Siemens AG.

Formats Available: Excel, PDF, and PPT



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Type

Single Space Meters

Multi-Space Meters



Parking Mode

Pay & Display

Plate

Space

Others

Application

**Government Institutions** 

Medical Institutions

Malls & Stadiums

Transit Systems

Residential

Others

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Aisin Seiki

Cale Access AB

CivicSmart Inc

Continental AG

Hoeft & Wessel AG

J.J. MacKay Canada Ltd

LocoMobi Inc

Parkeon S.A.S.

Robert Bosch GmbH

Siemens AG

Ventek International

Worldwide Parking Inc

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