

Electric Vehicle Range Extender Market Size, Trends, Analysis, and Outlook by Type (ICE Range Extender, Fuel Cell Range Extender, Others), Component (Battery Pack, Electric Motor, Generator, Power Converter), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global TPMS Battery market size is poised to register 8.84% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global TPMS Battery market by Type (CR Battery, BR Battery), Capacity (Up to 350mA, Above 350mA), Application (OEM, Aftermarket), Material (Lithium-ion, Nickel Metal Hybrid), Distribution Channel (Online, Offline). The TPMS (Tire Pressure Monitoring System) Battery Market is poised for significant evolution and growth by 2030, driven by the increasing adoption of TPMS in vehicles worldwide, spurred by safety regulations mandating TPMS installation in new vehicles, is driving the demand for TPMS batteries, which power the sensors responsible for monitoring tire pressure and transmitting data to the vehicle's onboard computer. Secondly, advancements in battery technology, including the development of long-lasting and reliable battery chemistries such as lithium-ion and nickel-metal hydride, are enhancing the performance and durability of TPMS batteries, ensuring extended service life and reduced maintenance requirements for TPMS systems. Further, the growing awareness of the importance of tire maintenance for fuel efficiency, vehicle performance, and safety is driving aftermarket demand for TPMS batteries, as vehicle owners seek to replace depleted or faulty batteries to maintain accurate tire pressure monitoring functionality. In addition, the expansion of electric and autonomous vehicles, which require advanced TPMS systems for accurate tire pressure monitoring and control, is expected to drive demand for high-performance TPMS batteries capable of

meeting the stringent requirements of electric and autonomous vehicle applications. Furthermore, the integration of TPMS with vehicle telematics and connectivity solutions is creating new opportunities for TPMS battery manufacturers to offer value-added features such as remote monitoring, predictive maintenance, and data analytics, enhancing the .

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

Key market trends defining the global TPMS Battery 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.

TPMS Battery Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The TPMS Battery 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 TPMS Battery companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the TPMS Battery industry

Leading TPMS Battery 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 TPMS Battery companies.

TPMS Battery Market Study- Strategic Analysis Review

The TPMS Battery 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.

TPMS Battery Market Size Outlook- Historic and Forecast Revenue in Three Cases

The TPMS Battery 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.

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

Europe TPMS Battery Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European TPMS

Battery 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 TPMS Battery 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 TPMS Battery 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 TPMS Battery in Asia Pacific. In particular, China, India, and South East Asian TPMS Battery 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 TPMS Battery 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 TPMS Battery 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 TPMS Battery market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for TPMS Battery.

TPMS Battery Market Company Profiles

The global TPMS Battery 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 BE-POWER GmbH, Duracell Inc, EVE Energy Co. Ltd, Guangzhou Maisheng Energy Technology Co. Ltd, Maxell Holdings Ltd, Murata Manufacturing Co. Ltd, Panasonic Corp, The Swatch Group Ltd.

Recent TPMS Battery Market Developments

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

TPMS Battery 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

CR Type Battery

BR Type Battery

Capacity

Up to 350mA

Above 350mA

Application

OEM

Aftermarket

Material

Lithium-ion

Nickel Metal Hybrid

Distribution Channel

Online

Offline

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BE-POWER GmbH

Duracell Inc

EVE Energy Co. Ltd

Guangzhou Maisheng Energy Technology Co. Ltd

Maxell Holdings Ltd

Murata Manufacturing Co. Ltd

Panasonic Corp

The Swatch Group Ltd.

Formats Available: Excel, PDF, and PPT

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ICE Range Extender

Fuel Cell Range Extender

Others

Component

Battery Pack

Electric Motor

Generator

Power Converter

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- Plug Power Inc
- Rheinmetall Automotive AG

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