

Global Automotive Battery Market Size to Expand from US\$ 84.1 Billion in 2026 to US\$ 132.3 Billion by 2033 at 6.7% CAGR

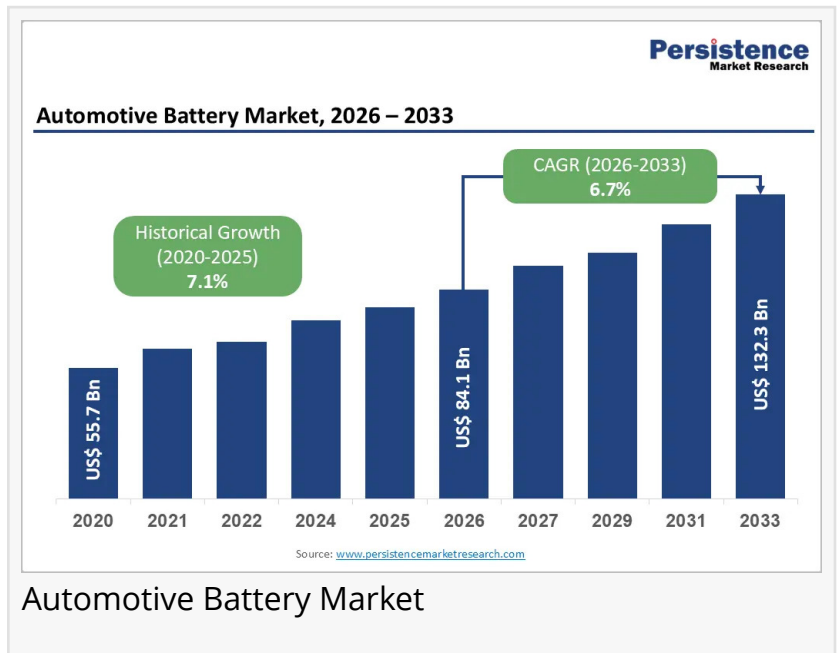
Growing EV adoption and lithium-ion battery demand are driving innovation and expansion across the global automotive battery industry.

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/EINPresswire.com/ -- The global [automotive battery market](#) is witnessing significant expansion as the automotive industry accelerates the transition toward electrification and sustainable mobility. Automotive batteries are a critical component of electric and hybrid vehicles, providing reliable energy storage while

supporting improved vehicle performance and efficiency. According to Persistence Market Research, the global Automotive Battery Market is projected to be valued at US\$ 84.1 billion in 2026 and is expected to reach US\$ 132.3 billion by 2033, expanding at a CAGR of 6.7% during the forecast period.

Market statistics indicate strong momentum driven by increasing production of battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs). Lithium-ion batteries remain the dominant battery type with a 68.5% market share due to their superior energy density, longer lifecycle, and improved charging performance. BEVs and PHEVs also account for 68.5% of the market, reflecting growing consumer preference for cleaner transportation solutions. Asia Pacific leads the global market with a 51% share, supported by extensive battery manufacturing capabilities, favorable government policies, and strong electric vehicle production.



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Quick Stats

- Historical Market Value (2020): US\$ 55.7 Bn
- Current Market Value (2026): US\$ 84.1 Bn
- Projected Market Value (2033): US\$ 132.3 Bn
- CAGR (2026–2033): 6.7%
- Incremental Opportunity: US\$ 48.3 Bn
- Leading Region: Asia Pacific – 51%
- Dominant Battery Type: Lithium-ion Battery – 68.5%
- Top-ranking Vehicle Type: BEVs and PHEVs – 68.5%

Market Segmentation

By Battery Type

- Lithium-ion Battery
- Lead-acid Battery
- Nickel-based Battery
- Others

By Battery Capacity

- Below 25 kWh
- 25–50 kWh
- 50–100 kWh
- Above 100 kWh

By Propulsion Type

- Internal Combustion Engine (ICE)
- Hybrid Electric Vehicle (HEV)
- Plug-in Hybrid Electric Vehicle (PHEV)
- Battery Electric Vehicle (BEV)
- Fuel Cell Electric Vehicle (FCEV)

By Vehicle Type

- Passenger Vehicles
- Light Commercial Vehicle (LCV)
- Heavy Commercial Vehicle (HCV)
- Buses & Coaches
- Two & Three Wheelers
- Off-highway Vehicles

By Sales Channel

- OEM
- Aftermarket

By Region

- North America
- Europe
- East Asia
- South Asia & Oceania
- Latin America
- Middle East & Africa

Report Highlights

- Market Forecast and Trends
- Competitive Intelligence & Share Analysis
- Growth Factors and Challenges
- Strategic Growth Initiatives
- Pricing Analysis & Technology Roadmap
- Future Opportunities and Revenue Pockets
- Industry Market Analysis Tools

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Regional Insights

North America

North America continues to strengthen its Automotive Battery Market through increasing electric vehicle adoption and expanding battery manufacturing investments. The region benefits from ongoing collaborations between automotive manufacturers and battery producers to establish local production facilities. Rising demand for electric vehicles is expected to support further market expansion.

Europe

Europe remains an important market due to strong sustainability initiatives and increasing investments in battery production facilities. The region is witnessing continuous expansion of EV manufacturing capacity, while governments continue supporting the transition toward cleaner transportation. Growing demand for advanced battery technologies is further supporting regional growth.

Asia Pacific

Asia Pacific dominates the Automotive Battery Market with a 51% share. The region benefits from large-scale battery production, strong electric vehicle manufacturing, and favorable industrial policies. Continuous investments in battery plants and expanding EV demand make Asia Pacific the leading contributor to global market growth.

Market Drivers

Growing global adoption of electric vehicles remains the primary driver of the Automotive Battery Market. Governments worldwide are promoting cleaner transportation through supportive regulations and investments in electric mobility infrastructure. As production of electric passenger and commercial vehicles increases, demand for reliable automotive batteries continues to grow. Another important growth driver is the rapid advancement of lithium-ion battery technology. Manufacturers continue investing in batteries that provide higher energy density, improved durability, and faster charging capabilities. Increasing collaboration between battery producers and automotive manufacturers is also accelerating innovation and supporting large-scale commercialization of advanced battery solutions across global markets.

Market Opportunities

The Automotive Battery Market presents considerable opportunities through expanding global electric vehicle production and increasing investments in battery manufacturing infrastructure. Rising consumer preference for sustainable transportation is encouraging automotive companies to accelerate EV development, creating long-term demand for advanced battery technologies. Strategic investments announced by leading battery manufacturers are expected to strengthen future market growth. Expansion of battery production facilities, increasing partnerships with automotive manufacturers, and continuous innovation in lithium-ion technology will create significant opportunities for industry participants throughout the forecast period.

Key companies operating in the Automotive Battery Market

- Contemporary Amperex Technology Co. Limited (CATL)
- BYD Company Ltd.
- LG Energy Solution
- Panasonic Holdings Corporation
- Samsung SDI
- SK On
- CALB (China Aviation Lithium Battery)
- Gotion High-Tech
- EVE Energy

- Sunwoda
- Northvolt AB
- Envision AESC
- Toshiba Corporation

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FAQ's

□ What are the main factors influencing the Automotive Battery Market?

Growing electric vehicle adoption, lithium-ion battery demand, and battery manufacturing investments are the primary growth drivers.

□ Which companies are the major sources in this industry?

Major companies include CATL, BYD Company Ltd., LG Energy Solution, Panasonic Holdings Corporation, Samsung SDI, and SK On.

□ What are the market's opportunities, risks, and general structure?

The market offers opportunities through EV expansion and battery manufacturing investments while facing production cost and supply chain challenges.

□ Which of the top Automotive Battery Market companies compare in terms of sales, revenue, and prices?

Leading participants include CATL, BYD Company Ltd., LG Energy Solution, Panasonic Holdings Corporation, Samsung SDI, SK On, CALB, Gotion High-Tech, EVE Energy, Sunwoda, Northvolt AB, Envision AESC, and Toshiba Corporation.

□ How are market types and applications, deals, revenue, and value explored in the Automotive Battery Market?

The market is analyzed based on battery type, vehicle type, market value, revenue trends, regional performance, and future growth opportunities.

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