

Battery Performance Warranty Market - Opportunities, Share, Growth and Competitive Analysis and Forecast 2029

*The Business Research Company's
Battery Performance Warranty Global
Market Report 2025 – Market Size,
Trends, And Global Forecast 2025-2034*

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/EINPresswire.com/ -- What Is The
Forecast For The Battery Performance
Warranty Market From 2024 To 2029?

In recent years, the size of the [battery performance warranty market](#) has seen accelerated development. Projected to rise from \$2.87 billion in 2024 to \$3.25 billion by 2025, it's estimated to have a compound annual growth rate (CAGR) of 13.2%. Factors such as increased usage of electric vehicles, growing need for energy storage systems, heightened consumer understanding of battery longevity, strict government policies on battery specifications, emphasis on renewable and eco-friendly energy, and the growth of renewable energy infrastructure have contributed to the progress during the historic period.



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The [battery performance warranty market growth](#) is predicted to undergo swift expansion in the near future. It is expected to inflate to a value of \$5.25 billion by 2029, registering a compound annual growth rate of 12.8%. This

impending growth in the forecast period can be ascribed to several factors including increased government encouragement towards the use of electric vehicles, rising consumer inclination towards enduring batteries, the development of smart grid systems, the requirement for dependable and low-maintenance energy solutions, and stricter global rules regarding battery performance and safety. Noteworthy trends for the forecast period incorporate progression in solid-state batteries, implementation of predictive analysis for battery health assessment, burgeoning wireless battery monitoring technologies, the application of artificial intelligence in performance enhancement, and the incorporation of blockchain for the tracking and verification

of warranties.

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What Are The Core Growth Drivers Shaping The Future Of The Battery Performance Warranty Market?

The rising popularity and demand for electric vehicles are anticipated to boost the expansion of the battery performance warranty market. Electric vehicles, or EVs, which utilize electric motors powered by rechargeable cells or fuel cells rather than traditional internal combustion engines, offer enhanced energy efficiency, lowered emissions, and less reliance on fossil fuels. The burgeoning interest in electric vehicles can be attributed to increasing environmental concerns, as these vehicles emit fewer pollutants, thus helping to mitigate climate change and air pollution. Battery performance warranty plays a crucial role in promoting the adoption of electric vehicles by providing long-term reliability guarantees, which make electric vehicles more attractive to potential customers while alleviating the concern over limited battery range. It offers cover against battery wear and tear, replacement costs, thus heightening ownership assurance and encouraging widespread acceptance of this eco-friendly transportation mode. As reported by the International Energy Agency, a France-based intergovernmental body, the sales of electric cars soared to 3.5 million in 2023, showing a year-on-year increase of 35% compared to 2022. Hence, this growing demand for electric vehicles is the driving force behind the growth of the battery performance warranty market.

Which Companies Are Currently Leading In The Battery Performance Warranty Market?

Major players in the Battery Performance Warranty Global Market Report 2025 include:

- General Motors Company
- Bayerische Motoren Werke AG
- Hyundai Motor Company Limited
- Tesla Inc.
- BYD Company Limited
- Nissan Motor Corporation
- Panasonic Corporation
- TVS Motor Company Limited
- GS Yuasa Corporation
- EnerSys

What Are The Key Trends Shaping The Battery Performance Warranty Industry?

Significant businesses in the battery performance warranty market are strategizing on creating sophisticated policies, such as life-long coverage. This move aims to increase customer trust, amplify long-term worth, and diminish concerns over ownership costs and degradation. Life-long coverage is a warranty safeguarding a product throughout its usable lifespan or ownership period, offering necessary repair or replacement. For instance, Tata Motors Ltd., a renowned

automotive manufacturing firm from India, introduced a lifetime battery warranty for their electric vehicles in July 2025, applicable to the Curvv EV and Nexon EV 45kWh models. This warranty, covering unlimited kilometers for 15 years, is equally pertinent to new and prior owners. It gives reassurance about battery durability, addressing the apprehension about replacement costs, which could amount to savings of around 8-9 lakh in a decade. This warranty additionally covers the battery pack against manufacturing flaws and assures a minimum of 70% State of Health (SoH) retention for the battery as long as the car is owned by the customer. It offers considerable tranquility and safeguards the vehicle's resale value.

Comparative Analysis Of Leading Battery Performance Warranty Market Segments

The battery performance warranty market covered in this report is segmented as

- 1) By Battery Type: Lead Acid, Lithium-Ion, Nickel Metal Hydride, Solid State, Other Battery Types
- 2) By Coverage Type: Capacity Retention, Cycle Life, Product Replacement, Other Coverage Types
- 3) By Application: Automotive, Consumer Electronics, Industrial, Energy Storage Systems, Other Applications
- 4) By End-User: Original Equipment Manufacturers (OEMs), Aftermarket, Utilities, Other End-Users

- 1) By Lead Acid: Flooded, Sealed, Valve Regulated
- 2) By Lithium Ion: Lithium Iron Phosphate, Lithium Nickel Manganese Cobalt Oxide, Lithium Nickel Cobalt Aluminum Oxide, Lithium Manganese Oxide
- 3) By Nickel Metal Hydride: Cylindrical, Prismatic, Pouch
- 4) By Solid State: Lithium Solid Polymer, Lithium Ceramic, Lithium Sulfur
- 5) By Other Battery Types: Zinc Air, Sodium Nickel Chloride, Flow Battery

View the full battery performance warranty market report:

<https://www.thebusinessresearchcompany.com/report/battery-performance-warranty-global-market-report>

Which Regions Are Dominating The Battery Performance Warranty Market Landscape?

In 2024, North America dominated the battery performance warranty market as the largest region. However, by 2025, the fastest expected growth is projected to be in the Asia-Pacific region. The Battery Performance Warranty Global Market Report 2025 includes comprehensive coverage of regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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