

# Metal Li-Based Battery Casing Market to Attain \$4,057.21 Mn by 2034, Unveiled in Latest Report, Showing a 18.0% CAGR

*The advancements of speedily charging technologies for EVs worldwide are a prominent factor driving the metal Li-based battery casing market.*

NEW YORK CITY, NY, UNITED STATES, January 8, 2025 /EINPresswire.com/ -- The [metal Li-based battery casing market](#) forecast for 2034 is a specialized study of the industry with a specific concentration on the global market trend analysis.



The casings are essentially configured of substances such as aluminium and steel which provide better structural coherence contrasted to plastic options."

*Polaris Market Research*

Polaris Market Research's latest report, titled "Metal Li-based Battery Casing Market," 2025-2034. The report covers key success factors, market performance, risk factors, project costs and economics, expected ROI, and profit margins. The global market was valued at USD 780.14 million in 2024 and is expected to grow to USD 4,057.21 million by 2034 at a CAGR of 18.0% during the

forecast period.

□□□□□□□□ □□□□ □□□□□□ □□□ □□□□ □□ □□□ □□□□□□:

[https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/request-for-sample?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/request-for-sample?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

□□□□ □□ □ □□□□□ □□-□□□□□□ □□□□□□□□ □□□□□□□?

A metal Li-based battery casing is a defensive shell rendered of metal such as aluminum or steel that inhibits lithium-ion batteries. Metal casings are important for the security, longevity, and durability of lithium-ion batteries. They safeguard batteries from mechanical influences, thermal uncertainty, and jarring ecological conditions.

In renewable metal grids, metal casings are required to resist drawn-out exposure to jarring conditions. Metal casings are important for safeguarding batteries in EVs. Superior thermal

handling and structural probity render them perfect for elevated power applications, impacting the metal Li-based battery casing market growth favorably.

□□□ □□□□□ □□□□□ □□-□□□□□ □□□□□□□□ □□□□□□□?

Constellium, Gestamp Automoción, S.A., GF Casting Solutions, Gränges, Magna International Inc., MINTH GROUP, Nemak, UACJ Corporation, and thyssenkrupp AG are some of the leading players in the metal Li-based battery casing market. Critical market contenders are funding massively in research and development to augment their offerings which will assist the market to grow even more.



□□□□ □□ □□□ □□□□□□ □□□□□□□□□□□□ □□ □□□ □□□□□□ □□□:

- In July 2024, Minth Group Co., Ltd, a worldwide firm that outlines, makes, and disburses automobile components involving body proportions, molds, and instruments, endorsed a MOU with the government of Serbia to establish a contemporary manufacturing provision in Serbia.
- In May 2024, Gränges, a worldwide firm that has expertise in aluminum rolling and recycling, increases its enduring strategic alliance with Shandong Innovation Group (SIG) to fortify aggressiveness and acquire additional market share.

□□□□'□ □□□□□□□ □□□□□□ □□□□□□□□?

**Surge in Government Strategy:** The government strategies and stimulus highlighting the acquisition of EVs are projected to fuel the market. The government of India instigated FAME, or Faster Adoption and Manufacturing of (Hybrid and) Electric vehicles forerunner program to encourage electric mobility.

**Growing Acquisition of Smartphones:** The growing acquisition of smartphones is estimated to push the market growth during the forecast period. As per the GSMA's yearly State of Mobile Internet Connectivity Report 2023, approximately half of the world population, 4.3 billion people, possess a smartphone. This, in turn, is having a favorable impact on metal Li-based battery casing market sales.

Advancement in Battery Security Technologies: Progression in battery security technologies and escalating administrative conformity are expected to push the market in the coming years. There is an escalating requirement for battery casings that endure paramount conditions, such as overcharging or short circuits, as security technologies enhance.

□□□□□□ □□ □ □□□□□□□ □□ □□□□ □□□□□□ □□□□□□□□□□:

[https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/request-for-discount-pricing?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/request-for-discount-pricing?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

□□□ □□□□□□□□□□:

Understanding key players and their initiatives provides valuable insights into the competitive landscape and emerging opportunities in the market. Here are the top companies in the market:

- Constellium
- Gestamp Automoción, S.A.
- GF Casting Solutions
- Gränges
- Magna International Inc.
- MINTH GROUP
- Nemak
- UACJ Corporation
- thyssenkrupp AG
- Targray Technology International Inc.
- Novelis
- Norsk Hydro ASA

□□□□□ □□□□□□ □□□□□ □□□□□□ □□□□□□?

Asia Pacific: Asia Pacific accounted for the largest metal Li-based battery casing market share. The region's robust growth is primarily due to the speedy growth in consumer electronics and automotive sectors. China led the market in 2024, profiting from a robust manufacturing framework and a strong concentration on technological progressions.

North America: North America is anticipated to witness significant growth from 2025 to 2034. This can be attributed to the growing funding for energy repository solutions and the progression in electric vehicle technology.

□□□□□□□ □□□□ □□□□□ □□□□ □□□□□□ □□□□□□ □□□□□□□□□□:

[https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/inquire-before-buying?utm\\_source=EIN&utm\\_medium=EIN&utm\\_campaign=EIN&utm\\_id=01](https://www.polarismarketresearch.com/industry-analysis/metal-li-based-battery-casing-market/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01)

□□□ □□ □□□□□□ □□□□□□□□□□□□□□ □□□□?

## By Type Outlook

- Primary
- Rechargeable

## By Application Outlook

- Automotive
- Consumer Electronics
- Industrial
- Energy Storage Solutions

## By Regional Outlook

- North America
  - o US
  - o Canada
  
- Europe
  - o Germany
  - o France
  - o UK
  - o Italy
  - o Spain
  - o Netherlands
  - o Russia
  - o Rest of Europe
  
- Asia Pacific
  - o China
  - o Japan
  - o India
  - o Malaysia
  - o South Korea
  - o Indonesia
  - o Australia
  - o Rest of Asia Pacific
  
- Middle East & Africa
  - o Saudi Arabia
  - o UAE
  - o Israel
  - o South Africa
  - o Rest of the Middle East & Africa
  
- Latin America
  - o Mexico

- o Brazil
- o Argentina
- o Rest of Latin America

□□□□:

How much is the metal Li-based battery casing market?

The market size was valued at USD 780.14 million in 2024 and is projected to grow to USD 4,057.21 million by 2034.

What is the growth rate of the metal Li-based battery casing market?

The global market is projected to register a CAGR of 18.0% during the forecast period.

Which region held the largest market share?

Asia Pacific accounted for the largest share of the global market in 2024.

Which segment by application is expected to record a significant CAGR in the market during 2025-2034?

The energy storage solutions segment is projected for significant growth in the global market during the forecast period.

□□□□□□ □□□□ □□□□□□□□ □□□□□□□□:

CPP Films Market:

<https://www.polarismarketresearch.com/industry-analysis/cast-polypropylene-films-market>

Popcorn Container Market:

<https://www.polarismarketresearch.com/industry-analysis/popcorn-container-market>

Board Insulation Market:

<https://www.polarismarketresearch.com/industry-analysis/board-insulation-market>

Blasting Automation Services Market:

<https://www.polarismarketresearch.com/industry-analysis/blasting-automation-services-market>

Building and Construction Sheets Market:

<https://www.polarismarketresearch.com/industry-analysis/building-and-construction-sheets-market>

Elastomer Gel in Personal Care Market:

<https://www.polarismarketresearch.com/industry-analysis/elastomer-gel-in-personal-care-market>

□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□ & □□□□□□□□□□□□, □□□:

Polaris Market Research is a global market research and consulting company. The company specializes in providing exceptional market intelligence and in-depth business research services for PMR's clientele spread across different enterprises. We at Polaris are obliged to serve PMR's diverse customer base present across the industries of healthcare, technology, semiconductors, and chemicals among various other industries present around the world. We strive to provide PMR's customers with updated information on innovative technologies, high-growth markets, emerging business environments, and the latest business-centric applications, thereby helping them always to make informed decisions and leverage new opportunities. Adept with a highly competent, experienced, and extremely qualified team of experts comprising SMEs, analysts, and consultants, we at Polaris endeavor to deliver value-added business solutions to PMR's customers.

Likhil G

Polaris Market Research and Consulting

+1 929-297-9727

sales@polarismarketresearch.com

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/775147171>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.