

Global Hard Case Button Cell Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Hard Case Button Cell market size was valued at US\$ 1320 million in 2025 and is forecast to a readjusted size of US\$ 2054 million by 2032 with a CAGR of 6.5% during review period.

Hard Case Button Cell refers to a miniaturized battery enclosed within a rigid protective casing, designed to deliver reliable and consistent power output for compact electronic applications. The hard case enhances mechanical durability, protects the internal electrodes and electrolyte from external stress, and ensures stable performance under various operating conditions. This type of battery can be either primary (non-rechargeable) or secondary (rechargeable), emphasizing reinforced casing integrity, precise electrode assembly, and robust sealing, making it suitable for both disposable and rechargeable applications in portable electronics and medical devices. In 2025, the industry capacity utilization rate was approximately 65%, and the average gross margin was about 20%. Production in 2025 reached 2.85 billion units, with an average price of 0.45 USD per unit. Upstream, the industry primarily relies on critical materials such as lithium cobalt oxide and separators, with representative suppliers including Umicore, Asahi Kasei, and Celgard, which provide key inputs affecting performance and safety. Midstream focuses on the design and manufacturing of hard case button cells, covering electrode assembly, micro-scale cell integration, casing fabrication, sealing, and reliability testing to ensure consistent performance and structural stability. Downstream demand mainly comes from consumer electronics and medical devices, with key customers including Apple, Samsung Electronics, Medtronic, and Philips.

Rechargeable Lithium-ion Button Cell is increasingly becoming a core power solution for high-integration and space-constrained electronic systems, as demand rises from

wearable devices, compact medical electronics, and IoT terminals that require stable, rechargeable energy with long cycle life. Its advantages in energy density and voltage stability enable reliable performance in applications such as wireless earbuds, health monitoring devices, and precision sensors, where continuous operation and compact form factors are critical. The industry is undergoing a transition from disposable to rechargeable architectures, reflecting a broader shift toward lifecycle cost efficiency and sustainability. At the same time, advancements in micro-scale electrode engineering, high-performance material systems, and sealing technologies are improving safety and consistency, supporting adoption in higher-reliability scenarios. While manufacturing complexity and cost control remain key challenges, leading players are enhancing yield and scalability through process optimization. As downstream demand becomes more quality-driven, the competitive landscape is shifting toward high-value applications, where performance differentiation and reliability standards provide stronger margin support.

This report is a detailed and comprehensive analysis for global Hard Case Button Cell market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Hard Case Button Cell market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Hard Case Button Cell market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Hard Case Button Cell market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Hard Case Button Cell market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hard Case Button Cell

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hard Case Button Cell market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Varta, Panasonic, EVE Energy, Maxell, Micropower, VDL, Seiko Instruments, Great Power, Renata SA, Ganfeng LiEnergy, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Hard Case Button Cell market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Rechargeable

Non-rechargeable

Market segment by Cell Chemistry

Lithium-ion Button Cells

Nickel-metal Hydride Button Cells

Solid-state Button Cells

Market segment by Capacity

Capacity

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Hard Case Button Cell Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Rechargeable

1.3.3 Non-rechargeable

1.4 Market Analysis by Cell Chemistry

1.4.1 Overview: Global Hard Case Button Cell Consumption Value by Cell Chemistry: 2021 Versus 2025 Versus 2032

1.4.2 Lithium-ion Button Cells

1.4.3 Nickel-metal Hydride Button Cells

1.4.4 Solid-state Button Cells

1.5 Market Analysis by Capacity

1.5.1 Overview: Global Hard Case Button Cell Consumption Value by Capacity: 2021 Versus 2025 Versus 2032

1.5.2 Capacity

List Of Tables

LIST OF TABLES

Table 1. Global Hard Case Button Cell Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Hard Case Button Cell Consumption Value by Cell Chemistry, (USD Million), 2021 & 2025 & 2032

Table 3. Global Hard Case Button Cell Consumption Value by Capacity, (USD Million), 2021 & 2025 & 2032

Table 4. Global Hard Case Button Cell Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Varta Basic Information, Manufacturing Base and Competitors

Table 6. Varta Major Business

Table 7. Varta Hard Case Button Cell Product and Services

Table 8. Varta Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Varta Recent Developments/Updates

Table 10. Panasonic Basic Information, Manufacturing Base and Competitors

Table 11. Panasonic Major Business

Table 12. Panasonic Hard Case Button Cell Product and Services

Table 13. Panasonic Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Panasonic Recent Developments/Updates

Table 15. EVE Energy Basic Information, Manufacturing Base and Competitors

Table 16. EVE Energy Major Business

Table 17. EVE Energy Hard Case Button Cell Product and Services

Table 18. EVE Energy Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. EVE Energy Recent Developments/Updates

Table 20. Maxell Basic Information, Manufacturing Base and Competitors

Table 21. Maxell Major Business

Table 22. Maxell Hard Case Button Cell Product and Services

Table 23. Maxell Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Maxell Recent Developments/Updates

Table 25. Micropower Basic Information, Manufacturing Base and Competitors

Table 26. Micropower Major Business

Table 27. Micropower Hard Case Button Cell Product and Services

Table 28. Micropower Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Micropower Recent Developments/Updates

Table 30. VDL Basic Information, Manufacturing Base and Competitors

Table 31. VDL Major Business

Table 32. VDL Hard Case Button Cell Product and Services

Table 33. VDL Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. VDL Recent Developments/Updates

Table 35. Seiko Instruments Basic Information, Manufacturing Base and Competitors

Table 36. Seiko Instruments Major Business

Table 37. Seiko Instruments Hard Case Button Cell Product and Services

Table 38. Seiko Instruments Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Seiko Instruments Recent Developments/Updates

Table 40. Great Power Basic Information, Manufacturing Base and Competitors

Table 41. Great Power Major Business

Table 42. Great Power Hard Case Button Cell Product and Services

Table 43. Great Power Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Great Power Recent Developments/Updates

Table 45. Renata SA Basic Information, Manufacturing Base and Competitors

Table 46. Renata SA Major Business

Table 47. Renata SA Hard Case Button Cell Product and Services

Table 48. Renata SA Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Renata SA Recent Developments/Updates

Table 50. Ganfeng LiEnergy Basic Information, Manufacturing Base and Competitors

Table 51. Ganfeng LiEnergy Major Business

Table 52. Ganfeng LiEnergy Hard Case Button Cell Product and Services

Table 53. Ganfeng LiEnergy Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Ganfeng LiEnergy Recent Developments/Updates

Table 55. SYNergy ScienTech Basic Information, Manufacturing Base and Competitors

Table 56. SYNergy ScienTech Major Business

Table 57. SYNergy ScienTech Hard Case Button Cell Product and Services

Table 58. SYNergy ScienTech Hard Case Button Cell Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. SYNergy ScienTech Recent Developments/Updates

Table 60. Global Hard Case Button Cell Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 61. Global Hard Case Button Cell Revenue by Manufacturer (2021-2026) & (USD Million)

Table 62. Global Hard Case Button Cell Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 63. Market Position of Manufacturers in Hard Case Button Cell, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 64. Head Office and Hard Case Button Cell Production Site of Key Manufacturer

Table 65. Hard Case Button Cell Market: Company Product Type Footprint

Table 66. Hard Case Button Cell Market: Company Product Application Footprint

Table 67. Hard Case Button Cell New Market Entrants and Barriers to Market Entry

Table 68. Hard Case Button Cell Mergers, Acquisition, Agreements, and Collaborations

Table 69. Global Hard Case Button Cell Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 70. Global Hard Case Button Cell Sales Quantity by Region (2021-2026) & (K Units)

Table 71. Global Hard Case Button Cell Sales Quantity by Region (2027-2032) & (K Units)

Table 72. Global Hard Case Button Cell Consumption Value by Region (2021-2026) & (USD Million)

Table 73. Global Hard Case Button Cell Consumption Value by Region (2027-2032) & (USD Million)

Table 74. Global Hard Case Button Cell Average Price by Region (2021-2026) & (US\$/Unit)

Table 75. Global Hard Case Button Cell Average Price by Region (2027-2032) & (US\$/Unit)

Table 76. Global Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 77. Global Hard Case Button Cell Sales Quantity by Type (2027-2032) & (K Units)

Table 78. Global Hard Case Button Cell Consumption Value by Type (2021-2026) & (USD Million)

Table 79. Global Hard Case Button Cell Consumption Value by Type (2027-2032) & (USD Million)

Table 80. Global Hard Case Button Cell Average Price by Type (2021-2026) & (US\$/Unit)

Table 81. Global Hard Case Button Cell Average Price by Type (2027-2032) & (US\$/Unit)

Table 82. Global Hard Case Button Cell Sales Quantity by Application (2021-2026) & (K Units)

Table 83. Global Hard Case Button Cell Sales Quantity by Application (2027-2032) & (K Units)

Table 84. Global Hard Case Button Cell Consumption Value by Application (2021-2026) & (USD Million)

Table 85. Global Hard Case Button Cell Consumption Value by Application (2027-2032) & (USD Million)

Table 86. Global Hard Case Button Cell Average Price by Application (2021-2026) & (US\$/Unit)

Table 87. Global Hard Case Button Cell Average Price by Application (2027-2032) & (US\$/Unit)

Table 88. North America Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 89. North America Hard Case Button Cell Sales Quantity by Type (2027-2032) & (K Units)

Table 90. North America Hard Case Button Cell Sales Quantity by Application (2021-2026) & (K Units)

Table 91. North America Hard Case Button Cell Sales Quantity by Application (2027-2032) & (K Units)

Table 92. North America Hard Case Button Cell Sales Quantity by Country (2021-2026) & (K Units)

Table 93. North America Hard Case Button Cell Sales Quantity by Country (2027-2032) & (K Units)

Table 94. North America Hard Case Button Cell Consumption Value by Country (2021-2026) & (USD Million)

Table 95. North America Hard Case Button Cell Consumption Value by Country (2027-2032) & (USD Million)

Table 96. Europe Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 97. Europe Hard Case Button Cell Sales Quantity by Type (2027-2032) & (K Units)

Table 98. Europe Hard Case Button Cell Sales Quantity by Application (2021-2026) & (K Units)

Table 99. Europe Hard Case Button Cell Sales Quantity by Application (2027-2032) & (K Units)

Table 100. Europe Hard Case Button Cell Sales Quantity by Country (2021-2026) & (K Units)

Table 101. Europe Hard Case Button Cell Sales Quantity by Country (2027-2032) & (K Units)

Units)

Table 102. Europe Hard Case Button Cell Consumption Value by Country (2021-2026) & (USD Million)

Table 103. Europe Hard Case Button Cell Consumption Value by Country (2027-2032) & (USD Million)

Table 104. Asia-Pacific Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 105. Asia-Pacific Hard Case Button Cell Sales Quantity by Type (2027-2032) & (K Units)

Table 106. Asia-Pacific Hard Case Button Cell Sales Quantity by Application (2021-2026) & (K Units)

Table 107. Asia-Pacific Hard Case Button Cell Sales Quantity by Application (2027-2032) & (K Units)

Table 108. Asia-Pacific Hard Case Button Cell Sales Quantity by Region (2021-2026) & (K Units)

Table 109. Asia-Pacific Hard Case Button Cell Sales Quantity by Region (2027-2032) & (K Units)

Table 110. Asia-Pacific Hard Case Button Cell Consumption Value by Region (2021-2026) & (USD Million)

Table 111. Asia-Pacific Hard Case Button Cell Consumption Value by Region (2027-2032) & (USD Million)

Table 112. South America Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 113. South America Hard Case Button Cell Sales Quantity by Type (2027-2032) & (K Units)

Table 114. South America Hard Case Button Cell Sales Quantity by Application (2021-2026) & (K Units)

Table 115. South America Hard Case Button Cell Sales Quantity by Application (2027-2032) & (K Units)

Table 116. South America Hard Case Button Cell Sales Quantity by Country (2021-2026) & (K Units)

Table 117. South America Hard Case Button Cell Sales Quantity by Country (2027-2032) & (K Units)

Table 118. South America Hard Case Button Cell Consumption Value by Country (2021-2026) & (USD Million)

Table 119. South America Hard Case Button Cell Consumption Value by Country (2027-2032) & (USD Million)

Table 120. Middle East & Africa Hard Case Button Cell Sales Quantity by Type (2021-2026) & (K Units)

Table 121. Middle East & Africa Hard Case Button Cell Sales Quantity by Type
(2027-2032) & (K Units)

Table 122. Middle East & Africa Hard Case Button Cell Sales Quantity by Application
(2021-2026) & (K Units)

Table 123. Middle East & Africa Hard Case Button Cell Sales Quantity by Application
(2027-2032) & (K Units)

Table 124. Middle East & Africa Hard Case Button Cell Sales Quantity by Country
(2021-2026) & (K Units)

Table 125. Middle East & Africa Hard Case Button Cell Sales Quantity by Country
(2027-2032) & (K Units)

Table 126. Middle East & Africa Hard Case Button Cell Consumption Value by Country
(2021-2026) & (USD Million)

Table 127. Middle East & Africa Hard Case Button Cell Consumption Value by Country
(2027-2032) & (USD Million)

Table 128. Hard Case Button Cell Raw Material

Table 129. Key Manufacturers of Hard Case Button Cell Raw Materials

Table 130. Hard Case Button Cell Typical Distributors

Table 131. Hard Case Button Cell Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Hard Case Button Cell Picture

Figure 2. Global Hard Case Button Cell Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Hard Case Button Cell Revenue Market Share by Type in 2025

Figure 4. Rechargeable Examples

Figure 5. Non-rechargeable Examples

Figure 6. Global Hard Case Button Cell Revenue by Cell Chemistry, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Hard Case Button Cell Revenue Market Share by Cell Chemistry in 2025

Figure 8. Lithium-ion Button Cells Examples

Figure 9. Nickel-metal Hydride Button Cells Examples

Figure 10. Solid-state Button Cells Examples

Figure 11. Global Hard Case Button Cell Revenue by Capacity, (USD Million), 2021 & 2025 & 2032

Figure 12. Global Hard Case Button Cell Revenue Market Share by Capacity in 2025

Figure 13. Capacity

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