

Global Winding Button Cell Battery 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 Winding Button Cell Battery market size was valued at US\$ 679 million in 2025 and is forecast to a readjusted size of US\$ 1100 million by 2032 with a CAGR of 7.1% during review period.

Winding Button Cell Battery refers to a miniaturized secondary battery adopting a winding electrode structure within a button-type form factor, specifically designed to deliver stable and repeatable power for compact electronic applications. By integrating spiral-wound electrodes into a confined button configuration, the battery enhances active material utilization, improves internal structural uniformity, and supports efficient charge/discharge behavior while maintaining consistent voltage output and reliable safety performance. Compared with conventional stacked button cells, it emphasizes precision winding processes, optimized internal space utilization, and robust sealing design, enabling superior performance in space-constrained and high-reliability environments such as portable electronics and medical devices. In 2025, the industry capacity utilization rate was approximately 65%, and the average gross margin was about 22%. Production in 2025 reached 1.1 billion units, with an average price of 0.6 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 electrochemical performance and safety. Midstream focuses on the design and manufacturing of winding button cell batteries, covering electrode winding, micro-scale cell integration, sealing, and reliability testing to ensure consistent electrochemical 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 Winding Button Cell Battery 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 Winding Button Cell Battery market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Winding Button Cell Battery 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 Winding Button Cell Battery 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 Winding Button Cell Battery 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 Winding Button Cell Battery

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 Winding Button Cell Battery 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, Ganfeng LiEnergy, Seiko Instruments, Great Power, Renata SA, etc.

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

Market Segmentation

Winding Button Cell Battery 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

3.6V

3.7V

Others

Market segment by Cell Chemistry

LCO

LMO

Others

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 Winding Button Cell Battery Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 3.6V

1.3.3 3.7V

1.3.4 Others

1.4 Market Analysis by Cell Chemistry

1.4.1 Overview: Global Winding Button Cell Battery Consumption Value by Cell Chemistry: 2021 Versus 2025 Versus 2032

1.4.2 LCO

1.4.3 LMO

1.4.4 Others

1.5 Market Analysis by Capacity

1.5.1 Overview: Global Winding Button Cell Battery Consumption Value by Capacity: 2021 Versus 2025 Versus 2032

1.5.2 Capacity

List Of Tables

LIST OF TABLES

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

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

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

Table 4. Global Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services

Table 8. Varta Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services

Table 13. Panasonic Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services

Table 18. EVE Energy Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services

Table 23. Maxell Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services

Table 28. Mic?power Winding Button Cell Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 29. Mic?power Recent Developments/Updates
Table 30. Ganfeng LiEnergy Basic Information, Manufacturing Base and Competitors
Table 31. Ganfeng LiEnergy Major Business
Table 32. Ganfeng LiEnergy Winding Button Cell Battery Product and Services
Table 33. Ganfeng LiEnergy Winding Button Cell Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 34. Ganfeng LiEnergy Recent Developments/Updates
Table 35. Seiko Instruments Basic Information, Manufacturing Base and Competitors
Table 36. Seiko Instruments Major Business
Table 37. Seiko Instruments Winding Button Cell Battery Product and Services
Table 38. Seiko Instruments Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services
Table 43. Great Power Winding Button Cell Battery 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 Winding Button Cell Battery Product and Services
Table 48. Renata SA Winding Button Cell Battery 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. Global Winding Button Cell Battery Sales Quantity by Manufacturer (2021-2026) & (K Units)
Table 51. Global Winding Button Cell Battery Revenue by Manufacturer (2021-2026) & (USD Million)
Table 52. Global Winding Button Cell Battery Average Price by Manufacturer (2021-2026) & (US\$/Unit)
Table 53. Market Position of Manufacturers in Winding Button Cell Battery, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 54. Head Office and Winding Button Cell Battery Production Site of Key Manufacturer

Table 55. Winding Button Cell Battery Market: Company Product Type Footprint

Table 56. Winding Button Cell Battery Market: Company Product Application Footprint

Table 57. Winding Button Cell Battery New Market Entrants and Barriers to Market Entry

Table 58. Winding Button Cell Battery Mergers, Acquisition, Agreements, and Collaborations

Table 59. Global Winding Button Cell Battery Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 60. Global Winding Button Cell Battery Sales Quantity by Region (2021-2026) & (K Units)

Table 61. Global Winding Button Cell Battery Sales Quantity by Region (2027-2032) & (K Units)

Table 62. Global Winding Button Cell Battery Consumption Value by Region (2021-2026) & (USD Million)

Table 63. Global Winding Button Cell Battery Consumption Value by Region (2027-2032) & (USD Million)

Table 64. Global Winding Button Cell Battery Average Price by Region (2021-2026) & (US\$/Unit)

Table 65. Global Winding Button Cell Battery Average Price by Region (2027-2032) & (US\$/Unit)

Table 66. Global Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 67. Global Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 68. Global Winding Button Cell Battery Consumption Value by Type (2021-2026) & (USD Million)

Table 69. Global Winding Button Cell Battery Consumption Value by Type (2027-2032) & (USD Million)

Table 70. Global Winding Button Cell Battery Average Price by Type (2021-2026) & (US\$/Unit)

Table 71. Global Winding Button Cell Battery Average Price by Type (2027-2032) & (US\$/Unit)

Table 72. Global Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 73. Global Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 74. Global Winding Button Cell Battery Consumption Value by Application (2021-2026) & (USD Million)

Table 75. Global Winding Button Cell Battery Consumption Value by Application

(2027-2032) & (USD Million)

Table 76. Global Winding Button Cell Battery Average Price by Application (2021-2026) & (US\$/Unit)

Table 77. Global Winding Button Cell Battery Average Price by Application (2027-2032) & (US\$/Unit)

Table 78. North America Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 79. North America Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 80. North America Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 81. North America Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 82. North America Winding Button Cell Battery Sales Quantity by Country (2021-2026) & (K Units)

Table 83. North America Winding Button Cell Battery Sales Quantity by Country (2027-2032) & (K Units)

Table 84. North America Winding Button Cell Battery Consumption Value by Country (2021-2026) & (USD Million)

Table 85. North America Winding Button Cell Battery Consumption Value by Country (2027-2032) & (USD Million)

Table 86. Europe Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 87. Europe Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 88. Europe Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 89. Europe Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 90. Europe Winding Button Cell Battery Sales Quantity by Country (2021-2026) & (K Units)

Table 91. Europe Winding Button Cell Battery Sales Quantity by Country (2027-2032) & (K Units)

Table 92. Europe Winding Button Cell Battery Consumption Value by Country (2021-2026) & (USD Million)

Table 93. Europe Winding Button Cell Battery Consumption Value by Country (2027-2032) & (USD Million)

Table 94. Asia-Pacific Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 95. Asia-Pacific Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 96. Asia-Pacific Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 97. Asia-Pacific Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 98. Asia-Pacific Winding Button Cell Battery Sales Quantity by Region (2021-2026) & (K Units)

Table 99. Asia-Pacific Winding Button Cell Battery Sales Quantity by Region (2027-2032) & (K Units)

Table 100. Asia-Pacific Winding Button Cell Battery Consumption Value by Region (2021-2026) & (USD Million)

Table 101. Asia-Pacific Winding Button Cell Battery Consumption Value by Region (2027-2032) & (USD Million)

Table 102. South America Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 103. South America Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 104. South America Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 105. South America Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 106. South America Winding Button Cell Battery Sales Quantity by Country (2021-2026) & (K Units)

Table 107. South America Winding Button Cell Battery Sales Quantity by Country (2027-2032) & (K Units)

Table 108. South America Winding Button Cell Battery Consumption Value by Country (2021-2026) & (USD Million)

Table 109. South America Winding Button Cell Battery Consumption Value by Country (2027-2032) & (USD Million)

Table 110. Middle East & Africa Winding Button Cell Battery Sales Quantity by Type (2021-2026) & (K Units)

Table 111. Middle East & Africa Winding Button Cell Battery Sales Quantity by Type (2027-2032) & (K Units)

Table 112. Middle East & Africa Winding Button Cell Battery Sales Quantity by Application (2021-2026) & (K Units)

Table 113. Middle East & Africa Winding Button Cell Battery Sales Quantity by Application (2027-2032) & (K Units)

Table 114. Middle East & Africa Winding Button Cell Battery Sales Quantity by Country

(2021-2026) & (K Units)

Table 115. Middle East & Africa Winding Button Cell Battery Sales Quantity by Country (2027-2032) & (K Units)

Table 116. Middle East & Africa Winding Button Cell Battery Consumption Value by Country (2021-2026) & (USD Million)

Table 117. Middle East & Africa Winding Button Cell Battery Consumption Value by Country (2027-2032) & (USD Million)

Table 118. Winding Button Cell Battery Raw Material

Table 119. Key Manufacturers of Winding Button Cell Battery Raw Materials

Table 120. Winding Button Cell Battery Typical Distributors

Table 121. Winding Button Cell Battery Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Winding Button Cell Battery Picture

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

Figure 3. Global Winding Button Cell Battery Revenue Market Share by Type in 2025

Figure 4. 3.6V Examples

Figure 5. 3.7V Examples

Figure 6. Others Examples

Figure 7. Global Winding Button Cell Battery Revenue by Cell Chemistry, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Winding Button Cell Battery Revenue Market Share by Cell Chemistry in 2025

Figure 9. LCO Examples

Figure 10. LMO Examples

Figure 11. Others Examples

Figure 12. Global Winding Button Cell Battery Revenue by Capacity, (USD Million), 2021 & 2025 & 2032

Figure 13. Global Winding Button Cell Battery Revenue Market Share by Capacity in 2025

Figure 14. Capacity

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