

Global Small Consumer-grade Cylindrical Cells Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G2CFFDF8E7B0EN.html>

Date: July 2026

Pages: 103

Price: US\$ 3,480.00 (Single User License)

ID: G2CFFDF8E7B0EN

Abstracts

According to our (Global Info Research) latest study, the global Small Consumer-grade Cylindrical Cells market size was valued at US\$ 14868 million in 2025 and is forecast to a readjusted size of US\$ 18952 million by 2032 with a CAGR of 3.5% during review period.

Small Consumer-grade Cylindrical Cells are compact lithium-ion cells with cylindrical metal casing structures, designed for consumer power applications that require stable discharge, high consistency, mature manufacturing, and efficient pack assembly. In 2025, production was approximately 10,321 million units and the average price was USD 1.4 per unit. The industry's capacity utilization rate in 2025 was about 68% and the average gross margin was around 21%. Upstream, the key materials include cathode materials, anode materials, electrolytes, and separators, with representative suppliers such as BTR, Shanshan, and Tinci Materials supporting the core material system for consumer-grade cylindrical lithium-ion cells. The midstream segment focuses on cell structure design, winding process control, electrolyte injection, formation and grading, safety testing, consistency management, thermal performance verification, and automated mass production, which together determine capacity stability, cycle life, discharge performance, safety reliability, and cost competitiveness. Downstream, Small Consumer-grade Cylindrical Cells are mainly used in power tools, portable energy storage, and data center backup batteries.

Small Consumer-grade Cylindrical Cells will be shaped by the expansion of compact power applications that require stable discharge, high consistency, and reliable pack assembly. In power tools, the key demand comes from high-rate output and cycle durability. In portable energy storage, cell consistency and thermal behavior directly

influence safety and user experience. In data center backup batteries, suppliers must prove long-term reliability, batch stability, and cost discipline. As downstream customers move toward platformized battery packs, competition will focus on automated manufacturing, material system optimization, fast delivery, and quality traceability. Producers with stable process control can convert scale advantages into stronger customer retention.

This report is a detailed and comprehensive analysis for global Small Consumer-grade Cylindrical Cells 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 Small Consumer-grade Cylindrical Cells market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Small Consumer-grade Cylindrical Cells 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 Small Consumer-grade Cylindrical Cells 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 Small Consumer-grade Cylindrical Cells 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 Small Consumer-grade Cylindrical Cells

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 Small Consumer-grade Cylindrical Cells 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 EVE Energy (China), Sunpower (China), Lishen (China), BAK Battery (China), Greatpower (China), Tenpower (China), Samsung SDI (South Korea), LG Energy Solution (South Korea), Murata (Japan), Panasonic (Japan), etc.

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

Market Segmentation

Small Consumer-grade Cylindrical Cells 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

21700 Battery Cells

18650 Battery Cells

Others

Market segment by Single-Cell Capacity

3000mAh

4000mAh

5000mAh

Others

Market segment by Discharge Rate

Rate

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 Small Consumer-grade Cylindrical Cells Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 21700 Battery Cells

1.3.3 18650 Battery Cells

1.3.4 Others

1.4 Market Analysis by Single-Cell Capacity

1.4.1 Overview: Global Small Consumer-grade Cylindrical Cells Consumption Value by Single-Cell Capacity: 2021 Versus 2025 Versus 2032

1.4.2 3000mAh

1.4.3 4000mAh

1.4.4 5000mAh

1.4.5 Others

1.5 Market Analysis by Discharge Rate

1.5.1 Overview: Global Small Consumer-grade Cylindrical Cells Consumption Value by Discharge Rate: 2021 Versus 2025 Versus 2032

1.5.2 Rate

List Of Tables

LIST OF TABLES

Table 1. Global Small Consumer-grade Cylindrical Cells Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Small Consumer-grade Cylindrical Cells Consumption Value by Single-Cell Capacity, (USD Million), 2021 & 2025 & 2032

Table 3. Global Small Consumer-grade Cylindrical Cells Consumption Value by Discharge Rate, (USD Million), 2021 & 2025 & 2032

Table 4. Global Small Consumer-grade Cylindrical Cells Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. EVE Energy (China) Basic Information, Manufacturing Base and Competitors

Table 6. EVE Energy (China) Major Business

Table 7. EVE Energy (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 8. EVE Energy (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. EVE Energy (China) Recent Developments/Updates

Table 10. Sunpower (China) Basic Information, Manufacturing Base and Competitors

Table 11. Sunpower (China) Major Business

Table 12. Sunpower (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 13. Sunpower (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Sunpower (China) Recent Developments/Updates

Table 15. Lishen (China) Basic Information, Manufacturing Base and Competitors

Table 16. Lishen (China) Major Business

Table 17. Lishen (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 18. Lishen (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Lishen (China) Recent Developments/Updates

Table 20. BAK Battery (China) Basic Information, Manufacturing Base and Competitors

Table 21. BAK Battery (China) Major Business

Table 22. BAK Battery (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 23. BAK Battery (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. BAK Battery (China) Recent Developments/Updates

Table 25. Greatpower (China) Basic Information, Manufacturing Base and Competitors

Table 26. Greatpower (China) Major Business

Table 27. Greatpower (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 28. Greatpower (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Greatpower (China) Recent Developments/Updates

Table 30. Tenpower (China) Basic Information, Manufacturing Base and Competitors

Table 31. Tenpower (China) Major Business

Table 32. Tenpower (China) Small Consumer-grade Cylindrical Cells Product and Services

Table 33. Tenpower (China) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Tenpower (China) Recent Developments/Updates

Table 35. Samsung SDI (South Korea) Basic Information, Manufacturing Base and Competitors

Table 36. Samsung SDI (South Korea) Major Business

Table 37. Samsung SDI (South Korea) Small Consumer-grade Cylindrical Cells Product and Services

Table 38. Samsung SDI (South Korea) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Samsung SDI (South Korea) Recent Developments/Updates

Table 40. LG Energy Solution (South Korea) Basic Information, Manufacturing Base and Competitors

Table 41. LG Energy Solution (South Korea) Major Business

Table 42. LG Energy Solution (South Korea) Small Consumer-grade Cylindrical Cells Product and Services

Table 43. LG Energy Solution (South Korea) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. LG Energy Solution (South Korea) Recent Developments/Updates

Table 45. Murata (Japan) Basic Information, Manufacturing Base and Competitors

Table 46. Murata (Japan) Major Business
Table 47. Murata (Japan) Small Consumer-grade Cylindrical Cells Product and Services
Table 48. Murata (Japan) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 49. Murata (Japan) Recent Developments/Updates
Table 50. Panasonic (Japan) Basic Information, Manufacturing Base and Competitors
Table 51. Panasonic (Japan) Major Business
Table 52. Panasonic (Japan) Small Consumer-grade Cylindrical Cells Product and Services
Table 53. Panasonic (Japan) Small Consumer-grade Cylindrical Cells Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 54. Panasonic (Japan) Recent Developments/Updates
Table 55. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Manufacturer (2021-2026) & (K Units)
Table 56. Global Small Consumer-grade Cylindrical Cells Revenue by Manufacturer (2021-2026) & (USD Million)
Table 57. Global Small Consumer-grade Cylindrical Cells Average Price by Manufacturer (2021-2026) & (US\$/Unit)
Table 58. Market Position of Manufacturers in Small Consumer-grade Cylindrical Cells, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 59. Head Office and Small Consumer-grade Cylindrical Cells Production Site of Key Manufacturer
Table 60. Small Consumer-grade Cylindrical Cells Market: Company Product Type Footprint
Table 61. Small Consumer-grade Cylindrical Cells Market: Company Product Application Footprint
Table 62. Small Consumer-grade Cylindrical Cells New Market Entrants and Barriers to Market Entry
Table 63. Small Consumer-grade Cylindrical Cells Mergers, Acquisition, Agreements, and Collaborations
Table 64. Global Small Consumer-grade Cylindrical Cells Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 65. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Region (2021-2026) & (K Units)
Table 66. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Region (2027-2032) & (K Units)
Table 67. Global Small Consumer-grade Cylindrical Cells Consumption Value by

Region (2021-2026) & (USD Million)

Table 68. Global Small Consumer-grade Cylindrical Cells Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global Small Consumer-grade Cylindrical Cells Average Price by Region (2021-2026) & (US\$/Unit)

Table 70. Global Small Consumer-grade Cylindrical Cells Average Price by Region (2027-2032) & (US\$/Unit)

Table 71. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 72. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 73. Global Small Consumer-grade Cylindrical Cells Consumption Value by Type (2021-2026) & (USD Million)

Table 74. Global Small Consumer-grade Cylindrical Cells Consumption Value by Type (2027-2032) & (USD Million)

Table 75. Global Small Consumer-grade Cylindrical Cells Average Price by Type (2021-2026) & (US\$/Unit)

Table 76. Global Small Consumer-grade Cylindrical Cells Average Price by Type (2027-2032) & (US\$/Unit)

Table 77. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 78. Global Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 79. Global Small Consumer-grade Cylindrical Cells Consumption Value by Application (2021-2026) & (USD Million)

Table 80. Global Small Consumer-grade Cylindrical Cells Consumption Value by Application (2027-2032) & (USD Million)

Table 81. Global Small Consumer-grade Cylindrical Cells Average Price by Application (2021-2026) & (US\$/Unit)

Table 82. Global Small Consumer-grade Cylindrical Cells Average Price by Application (2027-2032) & (US\$/Unit)

Table 83. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 84. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 85. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 86. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 87. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2021-2026) & (K Units)

Table 88. North America Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2027-2032) & (K Units)

Table 89. North America Small Consumer-grade Cylindrical Cells Consumption Value by Country (2021-2026) & (USD Million)

Table 90. North America Small Consumer-grade Cylindrical Cells Consumption Value by Country (2027-2032) & (USD Million)

Table 91. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 92. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 93. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 94. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 95. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2021-2026) & (K Units)

Table 96. Europe Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2027-2032) & (K Units)

Table 97. Europe Small Consumer-grade Cylindrical Cells Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe Small Consumer-grade Cylindrical Cells Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 100. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 101. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 102. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 103. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Region (2021-2026) & (K Units)

Table 104. Asia-Pacific Small Consumer-grade Cylindrical Cells Sales Quantity by Region (2027-2032) & (K Units)

Table 105. Asia-Pacific Small Consumer-grade Cylindrical Cells Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific Small Consumer-grade Cylindrical Cells Consumption Value by

Region (2027-2032) & (USD Million)

Table 107. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 108. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 109. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 110. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 111. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2021-2026) & (K Units)

Table 112. South America Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2027-2032) & (K Units)

Table 113. South America Small Consumer-grade Cylindrical Cells Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America Small Consumer-grade Cylindrical Cells Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2021-2026) & (K Units)

Table 116. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Type (2027-2032) & (K Units)

Table 117. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2021-2026) & (K Units)

Table 118. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Application (2027-2032) & (K Units)

Table 119. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2021-2026) & (K Units)

Table 120. Middle East & Africa Small Consumer-grade Cylindrical Cells Sales Quantity by Country (2027-2032) & (K Units)

Table 121. Middle East & Africa Small Consumer-grade Cylindrical Cells Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa Small Consumer-grade Cylindrical Cells Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Small Consumer-grade Cylindrical Cells Raw Material

Table 124. Key Manufacturers of Small Consumer-grade Cylindrical Cells Raw Materials

Table 125. Small Consumer-grade Cylindrical Cells Typical Distributors

Table 126. Small Consumer-grade Cylindrical Cells Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Small Consumer-grade Cylindrical Cells Picture

Figure 2. Global Small Consumer-grade Cylindrical Cells Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Small Consumer-grade Cylindrical Cells Revenue Market Share by Type in 2025

Figure 4. 21700 Battery Cells Examples

Figure 5. 18650 Battery Cells Examples

Figure 6. Others Examples

Figure 7. Global Small Consumer-grade Cylindrical Cells Revenue by Single-Cell Capacity, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Small Consumer-grade Cylindrical Cells Revenue Market Share by Single-Cell Capacity in 2025

Figure 9. 3000mAh Examples

Figure 10. 4000mAh Examples

Figure 11. 5000mAh Examples

Figure 12. Others Examples

Figure 13. Global Small Consumer-grade Cylindrical Cells Revenue by Discharge Rate, (USD Million), 2021 & 2025 & 2032

Figure 14. Global Small Consumer-grade Cylindrical Cells Revenue Market Share by Discharge Rate in 2025

Figure 15. Rate

I would like to order

Product name: Global Small Consumer-grade Cylindrical Cells Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G2CFFDF8E7B0EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2CFFDF8E7B0EN.html>