

Global New National Standard-Compliant Cylindrical Cells for Power Bank 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 New National Standard-Compliant Cylindrical Cells for Power Bank market size was valued at US\$ 1335 million in 2025 and is forecast to a readjusted size of US\$ 1699 million by 2032 with a CAGR of 3.4% during review period.

New National Standard-Compliant Cylindrical Cells for Power Bank are lithium-ion cylindrical cells designed for portable power bank products under China's updated safety and compliance requirements, using metal cylindrical casing structures and mainstream formats such as 18650 and 21700. Compared with general cylindrical cells, their advantages lie in stricter compliance alignment, more stable batch consistency, mature automated manufacturing, better thermal control, stronger safety traceability, and better suitability for mid-to-high-capacity power banks, outdoor power supplies, high-power bidirectional fast charging, and high-frequency use scenarios. In 2025, production was approximately 998 million units and the average price was USD 1.3 per unit. The industry's capacity utilization rate in 2025 was about 75% and the average gross margin was around 20%. Upstream, the key materials include cathode materials, anode materials, electrolytes, and separators, with representative suppliers such as BTR, Shanshan, Tinci Materials, Capchem, Yunnan Energy New Material, and Senior Technology supporting the core material system for new-standard cylindrical lithium-ion cells. The midstream segment focuses on compliant cell design, winding process control, electrolyte injection, formation and grading, safety testing, consistency management, traceability control, and automated mass production, which together determine capacity stability, cycle life, discharge performance, safety reliability, compliance quality, and unit cost competitiveness. Downstream, New National Standard-Compliant Cylindrical Cells for Power Bank are mainly supplied to power bank

manufacturers, with representative customers including Anker Innovations, Xiaomi, and Baseus.

New National Standard-Compliant Cylindrical Cells for Power Bank are being driven by the structural shift from capacity-oriented power banks to safety-certified, fast-charging, and higher-reliability portable energy products. In mid-to-high-capacity power banks, outdoor power supplies, bidirectional fast-charging devices, and frequent-use charging scenarios, the cell's value lies in safety compliance, batch consistency, thermal stability, and traceable quality control. Brand customers will increasingly prioritize suppliers that can pass compliance verification quickly while maintaining stable performance under high-current charging and long-cycle use. Competition will move toward certified manufacturing systems, fast-charging adaptability, automated quality control, and supply reliability, allowing stronger producers to deepen cooperation with leading power bank brands.

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

Global New National Standard-Compliant Cylindrical Cells for Power Bank 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 New National Standard-Compliant Cylindrical Cells for Power Bank 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 New National Standard-Compliant Cylindrical Cells for Power Bank market

Global New National Standard-Compliant Cylindrical Cells for Power Bank Market 2026 by Manufacturers, Regions,...

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 New National Standard-Compliant Cylindrical Cells for Power Bank

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 New National Standard-Compliant Cylindrical Cells for Power Bank 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), Hengdian Group DMEGC Magnetic (China), Ampace (China), Guangdong Greenway Technology (China), Zhenhua New Energy (China), etc.

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

Market Segmentation

New National Standard-Compliant Cylindrical Cells for Power Bank 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

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