

Global Full Tab Small Cylindrical Cells 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 Full Tab Small Cylindrical Cells market size was valued at US\$ 854 million in 2025 and is forecast to a readjusted size of US\$ 4739 million by 2032 with a CAGR of 27.3% during review period.

Full Tab Small Cylindrical Cells are small cylindrical lithium-ion cells using a full-tab current-collection structure, designed to shorten current paths and improve high-rate performance, thermal dissipation, and safety stability. Compared with conventional tab-type small cylindrical cells, their advantages lie in lower internal resistance, stronger discharge capability, better heat control, longer cycle performance under high-load operation, and higher suitability for compact high-power battery packs. In 2025, production was approximately 415 million units and the average price was USD 2 per unit. The industry's capacity utilization rate in 2025 was about 65% and the average gross margin was around 25%. Upstream, the key materials include cathode materials, anode materials, and separators, with representative suppliers such as BTR, Shanshan, and Yunnan Energy New Material supporting the core material system for high-performance cylindrical lithium-ion cells. The midstream segment focuses on full-tab cell structure design, current-collection path optimization, winding process control, electrode welding, electrolyte injection, formation and grading, safety testing, consistency management, thermal performance verification, and automated mass production, which together determine power output, heat dissipation, cycle life, safety reliability, and cost competitiveness. Downstream, Full Tab Small Cylindrical Cells are mainly used in power tools, portable energy storage, and data center backup batteries.

Full Tab Small Cylindrical Cells will be driven by applications that require compact size,

high discharge capability, and better thermal stability. In power tools, the full-tab structure helps support instant high-current output and longer operating endurance under repeated load changes. In portable energy storage, it improves pack-level heat control and supports higher power output in limited space. For data center backup batteries, the value lies in stable pulse discharge, consistency, and reliability during emergency power switching. As downstream customers raise requirements for safety, fast discharge, and cycle life, competition will shift from capacity expansion to tab-structure design, welding quality, thermal management, and cell consistency control.

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

Global Full Tab Small 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 Full Tab Small 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 Full Tab Small 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 Full Tab Small 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 Full Tab Small 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), Ampace (China), Guangdong Greenway Technology (China), Tenpower (China), Reliance (China), BTCAP (China), etc.

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

Market Segmentation

Full Tab Small 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

4000mAh

5000mAh

Others

Market segment by Maximum Current

30A?Current

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