

Global Cylindrical Lithium Ion Battery Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Cylindrical Lithium Ion Battery market size is expected to reach \$ 11270 million by 2032, rising at a market growth of 2.6% CAGR during the forecast period (2026-2032).

A lithium-ion battery or Li-ion battery is a type of rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging. Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. The electrolyte, which allows for ionic movement, and the two electrodes are the constituent components of a lithium-ion battery cell.

Cells with a cylindrical shape are made in a characteristic 'swiss roll' manner, which means it is a single long sandwich of positive electrode, separator, negative electrode and separator rolled into a single spool. The main disadvantage of this method of construction is that the cell will have a higher series inductance.

Cylindrical lithium ion battery industry is relatively concentrated, manufacturers are mostly in the Japan, Korea and China. Among them, Japan output value accounted for more than 36% of the total output value of global cylindrical lithium ion battery. Panasonic (Sanyo) is the world leading manufacturer in global cylindrical lithium ion battery market with the market share of 50%, in terms of revenue.

This report studies the global Cylindrical Lithium Ion Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cylindrical

Lithium Ion Battery and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cylindrical Lithium Ion Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cylindrical Lithium Ion Battery total production and demand, 2021-2032, (GWh)

Global Cylindrical Lithium Ion Battery total production value, 2021-2032, (USD Million)

Global Cylindrical Lithium Ion Battery production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (GWh), (based on production site)

Global Cylindrical Lithium Ion Battery consumption by region & country, CAGR, 2021-2032 & (GWh)

U.S. VS China: Cylindrical Lithium Ion Battery domestic production, consumption, key domestic manufacturers and share

Global Cylindrical Lithium Ion Battery production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (GWh)

Global Cylindrical Lithium Ion Battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (GWh)

Global Cylindrical Lithium Ion Battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (GWh)

This report profiles key players in the global Cylindrical Lithium Ion Battery market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Panasonic (Sanyo), Samsung SDI, LG Chem, Sony, Wanxiang (A123 Systems), Hitachi, Tianjin Lishen, Hefei Guoxuan, Dongguan Large Electronics, OptimumNano, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cylindrical Lithium Ion Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (GWh) and average price (USD/KWh) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Cylindrical Lithium Ion Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cylindrical Lithium Ion Battery Market, Segmentation by Type:

LiCoO₂ Battery

NMC/NCA

LiFePO₄ Battery

Others

Global Cylindrical Lithium Ion Battery Market, Segmentation by Application:

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

Companies Profiled:

Panasonic (Sanyo)

Samsung SDI

LG Chem

Sony

Wanxiang (A123 Systems)

Hitachi

Tianjin Lishen

Hefei Guoxuan

Dongguan Large Electronics

OptimumNano

DLG Electronics

Zhuoneng New Energy

CHAM BATTERY

Padre Electronic

Key Questions Answered:

1. How big is the global Cylindrical Lithium Ion Battery market?
2. What is the demand of the global Cylindrical Lithium Ion Battery market?
3. What is the year over year growth of the global Cylindrical Lithium Ion Battery market?
4. What is the production and production value of the global Cylindrical Lithium Ion Battery market?
5. Who are the key producers in the global Cylindrical Lithium Ion Battery market?
6. What are the growth factors driving the market demand?

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