

# **Global 18650 Lithium Battery Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030**

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## **Abstracts**

According to our (Global Info Research) latest study, the global 18650 Lithium Battery market size was valued at USD 5529.6 million in 2023 and is forecast to a readjusted size of USD 4863 million by 2030 with a CAGR of -1.8% during review period.

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.

Panasonic(Sanyo), Samsung SDI, LG Chem are the leaders of the 18650 Lithium Battery industry, which take about 80% market share. Asia-Pacific is the major region of the global market, which takes about 70% market share.

The Global Info Research report includes an overview of the development of the 18650 Lithium Battery industry chain, the market status of Power Banks (LiCoO<sub>2</sub> Battery, NMC/NCA Battery), Laptop Battery Packs (LiCoO<sub>2</sub> Battery, NMC/NCA Battery), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 18650 Lithium Battery.

Regionally, the report analyzes the 18650 Lithium Battery markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 18650 Lithium Battery market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the 18650 Lithium Battery market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 18650 Lithium Battery industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Million Units), revenue generated, and market share of different by Type (e.g., LiCoO<sub>2</sub> Battery, NMC/NCA Battery).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 18650 Lithium Battery market.

**Regional Analysis:** The report involves examining the 18650 Lithium Battery market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the 18650 Lithium Battery market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 18650 Lithium Battery:

**Company Analysis:** Report covers individual 18650 Lithium Battery manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards 18650 Lithium Battery. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Power Banks, Laptop Battery Packs).

**Technology Analysis:** Report covers specific technologies relevant to 18650 Lithium Battery. It assesses the current state, advancements, and potential future developments in 18650 Lithium Battery areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the 18650 Lithium Battery market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

18650 Lithium Battery market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

LiCoO2 Battery

NMC/NCA Battery

LiFePO4 Battery

Others

### Market segment by Application

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

#### Major players covered

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

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 18650 Lithium Battery product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 18650 Lithium Battery, with price, sales, revenue and global market share of 18650 Lithium Battery from 2019 to 2024.

Chapter 3, the 18650 Lithium Battery competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 18650 Lithium Battery breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and 18650 Lithium Battery market forecast, by regions, type and application,

with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 18650 Lithium Battery.

Chapter 14 and 15, to describe 18650 Lithium Battery sales channel, distributors, customers, research findings and conclusion.

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