+357 96 030922
info@marketpublishers.com

Global Li-Ion Battery for Power Tool Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G703B2ADD08BEN.html
Date: April 2026
Pages: 113
Price: US$ 4,480.00 (Single User License)
ID: G703B2ADD08BEN

Abstracts

The global Li-Ion Battery for Power Tool market size is expected to reach $ 2592 million by 2032, rising at a market growth of 3.4% CAGR during the forecast period (2026-2032).

A Li-Ion Battery for Power Tools is a high-power lithium-ion battery pack specifically designed and engineered to supply reliable power for cordless power tools, including drills, wrenches, grinders, saws, and garden equipment. It consists of high-rate lithium-ion cells (typically 18650 or 21700 cylindrical format), a dedicated battery management system (BMS), and mechanical housing. It supports high-current discharge (10C–30C), wide temperature tolerance, and strong durability under heavy-duty, vibration, and frequent charge-discharge cycles, while meeting strict safety standards for industrial and professional power tool applications.Price

The price of lithium-ion batteries for power tools is mainly affected by raw material costs, technical specifications, production scale and market competition. It shows differences between consumer-grade and professional-grade products, and changes with the upstream supply and industrial layout.

Industry Chain

The industry chain covers upstream core raw materials and key components, midstream cell manufacturing and battery pack integration, and downstream brand manufacturers, aftermarket and global sales channels. Each link forms a coordinated division of labor and specialized supporting system.

Market Drivers

+357 96 030922
info@marketpublishers.com

The cordless trend continues to replace corded and traditional battery-powered tools.

Performance improvements in energy density, high-rate discharge, fast charging and wide-temperature adaptability.

Rising demand from industrial, household, DIY and garden tool scenarios.

Large-scale manufacturing and technological progress lowering system costs.

Global low-carbon and environmental policies promoting lithium-ion adoption.

Market Challenges

Volatile prices of lithium, cobalt, nickel and other raw materials affecting cost stability.

Intense market competition and price pressure in the low-end segment.

Strict safety standards and certification requirements increasing compliance costs.

Technical barriers in high-power cells, BMS and thermal management.

Uncertainties in global supply chains and international trade policies.

This report studies the global Li-Ion Battery for Power Tool production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Li-Ion Battery for Power Tool 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 Li-Ion Battery for Power Tool that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Li-Ion Battery for Power Tool total production and demand, 2021-2032, (K Units)

Global Li-Ion Battery for Power Tool total production value, 2021-2032, (USD Million)

+357 96 030922
info@marketpublishers.com

Global Li-Ion Battery for Power Tool production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Li-Ion Battery for Power Tool consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Li-Ion Battery for Power Tool domestic production, consumption, key domestic manufacturers and share

Global Li-Ion Battery for Power Tool production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Li-Ion Battery for Power Tool production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Li-Ion Battery for Power Tool production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Li-Ion Battery for Power Tool 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 Samsung SDI, LG Energy Solution, Murata, TenPower, Panasonic, Tianjin Lishen Battery, EVE, EMBS, Jiangsu Sunpower, ATL, 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 Li-Ion Battery for Power Tool market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) 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.

+357 96 030922
info@marketpublishers.com

Global Li-Ion Battery for Power Tool Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Li-Ion Battery for Power Tool Market, Segmentation by Type:

Capacity (mAh) 1300

Capacity (mAh) 1500

Capacity (mAh) 2000

Capacity (mAh) 2500

Others (2200 mAh, etc.)

Global Li-Ion Battery for Power Tool Market, Segmentation by Grade:

Consumer Grade

Professional Grade

Industrial Grade

+357 96 030922
info@marketpublishers.com

Global Li-Ion Battery for Power Tool Market, Segmentation by Cell Format:

Cylindrical Battery

Pouch Battery

Prismatic Battery

Global Li-Ion Battery for Power Tool Market, Segmentation by Application:

Cordless Drills/Drivers

Cordless Saws

Cordless Grinders

Cordless Rotary Hammers

Others

Companies Profiled:

Samsung SDI

LG Energy Solution

Murata

TenPower

Panasonic

Tianjin Lishen Battery

EVE

+357 96 030922
info@marketpublishers.com

EMBS

Jiangsu Sunpower

ATL

Key Questions Answered:

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

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

4 UNITED STATES VS CHINA VS REST OF THE WORLD

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

+357 96 030922
info@marketpublishers.com

6 MARKET ANALYSIS BY GRADE

7 MARKET ANALYSIS BY CELL FORMAT

8 MARKET ANALYSIS BY APPLICATION

+357 96 030922
info@marketpublishers.com

9 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Figure 75. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Li-Ion Battery for Power Tool Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G703B2ADD08BEN.html

Price: US$ 4,480.00 (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/G703B2ADD08BEN.html