

Global Humanoid Robot Lithium Battery Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GB0C9703B3E9EN.html>

Date: January 2026

Pages: 125

Price: US\$ 4,480.00 (Single User License)

ID: GB0C9703B3E9EN

Abstracts

The global Humanoid Robot Lithium Battery market size is expected to reach \$ 742 million by 2032, rising at a market growth of 66.7% CAGR during the forecast period (2026-2032).

In 2025, global Humanoid Robot Lithium Battery production reached approximately 3847 k units with an average global market price of around US\$ 4.0 per unit. The production capacity for Humanoid Robot Lithium Battery in 2025 was approximately 5500 k units. The typical gross profit margin for Humanoid Robot Lithium Battery is between 15% and 30%. (Based on battery cell statistics)

Humanoid Robot Lithium Battery are high-performance energy storage systems specifically designed to power bipedal or human-like robotic platforms. They emphasize high energy density, high power output, enhanced safety, and long cycle life, enabling robots to perform walking, manipulation, joint actuation, and onboard computing within strict size and weight constraints. These batteries must withstand frequent charge/discharge cycles, high peak currents, vibration, and dynamic operating conditions, with common formats including high-rate cylindrical cells, pouch cells, and emerging solid-state or semi-solid-state batteries. Compared with wheeled service robots, a Humanoid Robot Lithium Battery must deliver long runtime, high peak power, low weight and extremely robust safety, enabling multi-degree-of-freedom motion for a full working day from a roughly 2-kWh pack while surviving falls and awkward postures from an engineering standpoint. Leading platforms embed the Humanoid Robot Lithium Battery as a structural element in the torso, treating the pack as both an energy tank and part of the load-bearing skeleton, and this design mindset is spreading quickly across new entrants.

On the supply side, the cell layer of the Humanoid Robot Lithium Battery market is being shaped by high-energy cell makers and a group of robotics-focused specialists. Mainstream chemistry is still high-nickel NMC, but semi-solid and all-solid-state cells are

moving into pilot production, with energy densities around 280-300 Wh/kg and targeted cycle life in the several-hundred to low-thousand range. Upstream vendors are releasing small-capacity, high-rate cylindrical and pouch cells together with 60-70 V modules tailored to humanoid duty cycles; midstream pack and BMS suppliers emphasize multi-layer safety (cell, sensing, algorithms, structure), international transport and safety certifications, and tight integration with robot control stacks. From Figure-style structural packs to Tesla's 2-plus-kWh torso batteries, the Humanoid Robot Lithium Battery is clearly shifting from "repurposed EV cell" to a system designed directly around robot motion profiles and thermal constraints.

Along the value chain, the Humanoid Robot Lithium Battery already underpins general-purpose humanoids on factory floors, industrial handling and assembly, safety and patrol use cases, commercial service environments and research platforms.

Downstream examples range from industrial humanoids in logistics and manufacturing to border-control deployments and high-performance open platforms; some robots can autonomously swap their own packs, embedding the Humanoid Robot Lithium Battery into a managed fleet-operations model. Upstream lies high-energy cell chemistry and manufacturing; the midstream encompasses module/pack design, thermal solutions and BMS; and downstream, robot OEMs and system integrators set the requirements for charging and swapping infrastructure, fast-charge modules, and cloud-based battery health management that must all be co-designed with the pack.

In terms of current industry dynamics, new plants and collaborations are pushing Humanoid Robot Lithium Battery from low-volume prototyping towards repeatable industrial supply. A new solid-state battery base in western China is ramping 10-Ah, roughly 300 Wh/kg cells specifically targeted at humanoid robots, low-altitude flight and AI equipment, signaling that robotics is being separated from the traditional EV optimization curve. On the system side, industrial-grade humanoids capable of swapping their own packs are entering border-patrol and high-duty-cycle projects, which in practice stress-test pack ruggedness, connector durability and the mechanical design of quick-swap trays. In parallel, advanced battery material companies have signed purchase orders and joint development agreements with Asian robotics makers to co-develop lithium-silicon battery packs for autonomous mobile robots and humanoid platforms, covering the full chain from material selection and cell architecture to pack certification and integration. Such deals show Humanoid Robot Lithium Battery moving from "off-the-shelf module" to jointly defined, platform-level energy systems.

Looking ahead, several directions and growth drivers stand out for Humanoid Robot Lithium Battery. On the performance axis, the push is toward 300-400 Wh/kg class packs that still sustain many hours of high-duty operation and robust cycle life, driven by high-silicon anodes, semi-solid and solid-state electrolytes, and more advanced safety and flame-retardant systems. At the system level, structural packs, torso integration and

redundant thermal paths are likely to become standard, with ?survive a fall without thermal events? treated as a primary design constraint. At the operations level, fleet deployments of dozens or hundreds of humanoids will require a full battery-asset stack: fast charging combined with swapping, health-aware scheduling, and clear second-life and recycling pathways, opening the door to Battery-as-a-Service models around Humanoid Robot Lithium Battery. As humanoid robots move from prototypes to pilots and then to scaled deployment in industrial, logistics and public-service environments, the battery will determine whether unit economics close, and it will remain one of the main levers for technology roadmaps and capital allocation across the entire ecosystem.

This report studies the global Humanoid Robot Lithium Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Humanoid Robot Lithium 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 Humanoid Robot Lithium Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Humanoid Robot Lithium Battery total production and demand, 2021-2032, (K Units)

Global Humanoid Robot Lithium Battery total production value, 2021-2032, (USD Million)

Global Humanoid Robot Lithium Battery production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Humanoid Robot Lithium Battery consumption by region & country, CAGR, 2021-2032 & (K Units)

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

Global Humanoid Robot Lithium Battery production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Humanoid Robot Lithium Battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Humanoid Robot Lithium Battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Humanoid Robot Lithium 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 LG, Samsung SDI, Panasonic, Saft Batteries, Jiangsu Blue Lithium Battery Group, EVE Energy, CATL, Lishen BATTERY,

Sichuan Changhong Newenergy Technology, Jiangsu Ruien New Energy Technology, 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 Humanoid Robot Lithium Battery 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.

Global Humanoid Robot Lithium Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Humanoid Robot Lithium Battery Market, Segmentation by Type:

Cylindrical Battery

Pouch Battery

Square Battery

Global Humanoid Robot Lithium Battery Market, Segmentation by Cells:

21700 Cells

18650 Cells

Others

Global Humanoid Robot Lithium Battery Market, Segmentation by Electrolyte:

Liquid Lithium Batteries

Solid-state Lithium Batteries

Global Humanoid Robot Lithium Battery Market, Segmentation by Application:

Service Humanoid Robots

Industrial Humanoid Robots

Others

Companies Profiled:

LG

Samsung SDI

Panasonic

Saft Batteries

Jiangsu Blue Lithium Battery Group

EVE Energy

CATL

Lishen BATTERY

Sichuan Changhong Newenergy Technology

Jiangsu Ruien New Energy Technology

BAK Power Battery

Shen ZHEN Grepow BATTERY

Sunwoda Electronic

Farasis Energy

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 Humanoid Robot Lithium Battery Introduction
- 1.2 World Humanoid Robot Lithium Battery Supply & Forecast
 - 1.2.1 World Humanoid Robot Lithium Battery Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Humanoid Robot Lithium Battery Production (2021-2032)
 - 1.2.3 World Humanoid Robot Lithium Battery Pricing Trends (2021-2032)
- 1.3 World Humanoid Robot Lithium Battery Production by Region (Based on Production Site)
 - 1.3.1 World Humanoid Robot Lithium Battery Production Value by Region (2021-2032)
 - 1.3.2 World Humanoid Robot Lithium Battery Production by Region (2021-2032)
 - 1.3.3 World Humanoid Robot Lithium Battery Average Price by Region (2021-2032)
 - 1.3.4 North America Humanoid Robot Lithium Battery Production (2021-2032)
 - 1.3.5 Europe Humanoid Robot Lithium Battery Production (2021-2032)
 - 1.3.6 China Humanoid Robot Lithium Battery Production (2021-2032)
 - 1.3.7 Japan Humanoid Robot Lithium Battery Production (2021-2032)
 - 1.3.8 South Korea Humanoid Robot Lithium Battery Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Humanoid Robot Lithium Battery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Humanoid Robot Lithium Battery Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Humanoid Robot Lithium Battery Demand (2021-2032)
- 2.2 World Humanoid Robot Lithium Battery Consumption by Region
 - 2.2.1 World Humanoid Robot Lithium Battery Consumption by Region (2021-2026)
 - 2.2.2 World Humanoid Robot Lithium Battery Consumption Forecast by Region (2027-2032)
- 2.3 United States Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.4 China Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.5 Europe Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.6 Japan Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.7 South Korea Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.8 ASEAN Humanoid Robot Lithium Battery Consumption (2021-2032)
- 2.9 India Humanoid Robot Lithium Battery Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Humanoid Robot Lithium Battery Production Value by Manufacturer (2021-2026)
- 3.2 World Humanoid Robot Lithium Battery Production by Manufacturer (2021-2026)
- 3.3 World Humanoid Robot Lithium Battery Average Price by Manufacturer (2021-2026)
- 3.4 Humanoid Robot Lithium Battery Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Humanoid Robot Lithium Battery Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Humanoid Robot Lithium Battery in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Humanoid Robot Lithium Battery in 2025
- 3.6 Humanoid Robot Lithium Battery Market: Overall Company Footprint Analysis
 - 3.6.1 Humanoid Robot Lithium Battery Market: Region Footprint
 - 3.6.2 Humanoid Robot Lithium Battery Market: Company Product Type Footprint
 - 3.6.3 Humanoid Robot Lithium Battery Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Humanoid Robot Lithium Battery Production Value Comparison
 - 4.1.1 United States VS China: Humanoid Robot Lithium Battery Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Humanoid Robot Lithium Battery Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Humanoid Robot Lithium Battery Production Comparison
 - 4.2.1 United States VS China: Humanoid Robot Lithium Battery Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Humanoid Robot Lithium Battery Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Humanoid Robot Lithium Battery Consumption Comparison
 - 4.3.1 United States VS China: Humanoid Robot Lithium Battery Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Humanoid Robot Lithium Battery Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Humanoid Robot Lithium Battery Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Humanoid Robot Lithium Battery Production Value (2021-2026)

4.4.3 United States Based Manufacturers Humanoid Robot Lithium Battery Production (2021-2026)

4.5 China Based Humanoid Robot Lithium Battery Manufacturers and Market Share

4.5.1 China Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Humanoid Robot Lithium Battery Production Value (2021-2026)

4.5.3 China Based Manufacturers Humanoid Robot Lithium Battery Production (2021-2026)

4.6 Rest of World Based Humanoid Robot Lithium Battery Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Humanoid Robot Lithium Battery Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Cylindrical Battery

5.2.2 Pouch Battery

5.2.3 Square Battery

5.3 Market Segment by Type

5.3.1 World Humanoid Robot Lithium Battery Production by Type (2021-2032)

5.3.2 World Humanoid Robot Lithium Battery Production Value by Type (2021-2032)

5.3.3 World Humanoid Robot Lithium Battery Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CELLS

6.1 World Humanoid Robot Lithium Battery Market Size Overview by Cells: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Cells

6.2.1 21700 Cells

6.2.2 18650 Cells

6.2.3 Others

6.3 Market Segment by Cells

6.3.1 World Humanoid Robot Lithium Battery Production by Cells (2021-2032)

6.3.2 World Humanoid Robot Lithium Battery Production Value by Cells (2021-2032)

6.3.3 World Humanoid Robot Lithium Battery Average Price by Cells (2021-2032)

7 MARKET ANALYSIS BY ELECTROLYTE

7.1 World Humanoid Robot Lithium Battery Market Size Overview by Electrolyte: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Electrolyte

7.2.1 Liquid Lithium Batteries

7.2.2 Solid-state Lithium Batteries

7.3 Market Segment by Electrolyte

7.3.1 World Humanoid Robot Lithium Battery Production by Electrolyte (2021-2032)

7.3.2 World Humanoid Robot Lithium Battery Production Value by Electrolyte (2021-2032)

7.3.3 World Humanoid Robot Lithium Battery Average Price by Electrolyte (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Humanoid Robot Lithium Battery Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Service Humanoid Robots

8.2.2 Industrial Humanoid Robots

8.2.3 Others

8.3 Market Segment by Application

8.3.1 World Humanoid Robot Lithium Battery Production by Application (2021-2032)

8.3.2 World Humanoid Robot Lithium Battery Production Value by Application (2021-2032)

8.3.3 World Humanoid Robot Lithium Battery Average Price by Application

(2021-2032)

9 COMPANY PROFILES

9.1 LG

9.1.1 LG Details

9.1.2 LG Major Business

9.1.3 LG Humanoid Robot Lithium Battery Product and Services

9.1.4 LG Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 LG Recent Developments/Updates

9.1.6 LG Competitive Strengths & Weaknesses

9.2 Samsung SDI

9.2.1 Samsung SDI Details

9.2.2 Samsung SDI Major Business

9.2.3 Samsung SDI Humanoid Robot Lithium Battery Product and Services

9.2.4 Samsung SDI Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Samsung SDI Recent Developments/Updates

9.2.6 Samsung SDI Competitive Strengths & Weaknesses

9.3 Panasonic

9.3.1 Panasonic Details

9.3.2 Panasonic Major Business

9.3.3 Panasonic Humanoid Robot Lithium Battery Product and Services

9.3.4 Panasonic Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Panasonic Recent Developments/Updates

9.3.6 Panasonic Competitive Strengths & Weaknesses

9.4 Saft Batteries

9.4.1 Saft Batteries Details

9.4.2 Saft Batteries Major Business

9.4.3 Saft Batteries Humanoid Robot Lithium Battery Product and Services

9.4.4 Saft Batteries Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Saft Batteries Recent Developments/Updates

9.4.6 Saft Batteries Competitive Strengths & Weaknesses

9.5 Jiangsu Blue Lithium Battery Group

9.5.1 Jiangsu Blue Lithium Battery Group Details

9.5.2 Jiangsu Blue Lithium Battery Group Major Business

9.5.3 Jiangsu Blue Lithium Battery Group Humanoid Robot Lithium Battery Product and Services

9.5.4 Jiangsu Blue Lithium Battery Group Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Jiangsu Blue Lithium Battery Group Recent Developments/Updates

9.5.6 Jiangsu Blue Lithium Battery Group Competitive Strengths & Weaknesses

9.6 EVE Energy

9.6.1 EVE Energy Details

9.6.2 EVE Energy Major Business

9.6.3 EVE Energy Humanoid Robot Lithium Battery Product and Services

9.6.4 EVE Energy Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 EVE Energy Recent Developments/Updates

9.6.6 EVE Energy Competitive Strengths & Weaknesses

9.7 CATL

9.7.1 CATL Details

9.7.2 CATL Major Business

9.7.3 CATL Humanoid Robot Lithium Battery Product and Services

9.7.4 CATL Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 CATL Recent Developments/Updates

9.7.6 CATL Competitive Strengths & Weaknesses

9.8 Lishen BATTERY

9.8.1 Lishen BATTERY Details

9.8.2 Lishen BATTERY Major Business

9.8.3 Lishen BATTERY Humanoid Robot Lithium Battery Product and Services

9.8.4 Lishen BATTERY Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Lishen BATTERY Recent Developments/Updates

9.8.6 Lishen BATTERY Competitive Strengths & Weaknesses

9.9 Sichuan Changhong Newenergy Technology

9.9.1 Sichuan Changhong Newenergy Technology Details

9.9.2 Sichuan Changhong Newenergy Technology Major Business

9.9.3 Sichuan Changhong Newenergy Technology Humanoid Robot Lithium Battery Product and Services

9.9.4 Sichuan Changhong Newenergy Technology Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Sichuan Changhong Newenergy Technology Recent Developments/Updates

9.9.6 Sichuan Changhong Newenergy Technology Competitive Strengths &

Weaknesses

9.10 Jiangsu Ruien New Energy Technology

9.10.1 Jiangsu Ruien New Energy Technology Details

9.10.2 Jiangsu Ruien New Energy Technology Major Business

9.10.3 Jiangsu Ruien New Energy Technology Humanoid Robot Lithium Battery Product and Services

9.10.4 Jiangsu Ruien New Energy Technology Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Jiangsu Ruien New Energy Technology Recent Developments/Updates

9.10.6 Jiangsu Ruien New Energy Technology Competitive Strengths & Weaknesses

9.11 BAK Power Battery

9.11.1 BAK Power Battery Details

9.11.2 BAK Power Battery Major Business

9.11.3 BAK Power Battery Humanoid Robot Lithium Battery Product and Services

9.11.4 BAK Power Battery Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 BAK Power Battery Recent Developments/Updates

9.11.6 BAK Power Battery Competitive Strengths & Weaknesses

9.12 Shen ZHEN Grepow BATTERY

9.12.1 Shen ZHEN Grepow BATTERY Details

9.12.2 Shen ZHEN Grepow BATTERY Major Business

9.12.3 Shen ZHEN Grepow BATTERY Humanoid Robot Lithium Battery Product and Services

9.12.4 Shen ZHEN Grepow BATTERY Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Shen ZHEN Grepow BATTERY Recent Developments/Updates

9.12.6 Shen ZHEN Grepow BATTERY Competitive Strengths & Weaknesses

9.13 Sunwoda Electronic

9.13.1 Sunwoda Electronic Details

9.13.2 Sunwoda Electronic Major Business

9.13.3 Sunwoda Electronic Humanoid Robot Lithium Battery Product and Services

9.13.4 Sunwoda Electronic Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Sunwoda Electronic Recent Developments/Updates

9.13.6 Sunwoda Electronic Competitive Strengths & Weaknesses

9.14 Farasis Energy

9.14.1 Farasis Energy Details

9.14.2 Farasis Energy Major Business

9.14.3 Farasis Energy Humanoid Robot Lithium Battery Product and Services

9.14.4 Farasis Energy Humanoid Robot Lithium Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Farasis Energy Recent Developments/Updates

9.14.6 Farasis Energy Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Humanoid Robot Lithium Battery Industry Chain

10.2 Humanoid Robot Lithium Battery Upstream Analysis

10.2.1 Humanoid Robot Lithium Battery Core Raw Materials

10.2.2 Main Manufacturers of Humanoid Robot Lithium Battery Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Humanoid Robot Lithium Battery Production Mode

10.6 Humanoid Robot Lithium Battery Procurement Model

10.7 Humanoid Robot Lithium Battery Industry Sales Model and Sales Channels

10.7.1 Humanoid Robot Lithium Battery Sales Model

10.7.2 Humanoid Robot Lithium Battery Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Humanoid Robot Lithium Battery Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Humanoid Robot Lithium Battery Production Value by Region (2021-2026) & (USD Million)

Table 3. World Humanoid Robot Lithium Battery Production Value by Region (2027-2032) & (USD Million)

Table 4. World Humanoid Robot Lithium Battery Production Value Market Share by Region (2021-2026)

Table 5. World Humanoid Robot Lithium Battery Production Value Market Share by Region (2027-2032)

Table 6. World Humanoid Robot Lithium Battery Production by Region (2021-2026) & (K Units)

Table 7. World Humanoid Robot Lithium Battery Production by Region (2027-2032) & (K Units)

Table 8. World Humanoid Robot Lithium Battery Production Market Share by Region (2021-2026)

Table 9. World Humanoid Robot Lithium Battery Production Market Share by Region (2027-2032)

Table 10. World Humanoid Robot Lithium Battery Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Humanoid Robot Lithium Battery Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Humanoid Robot Lithium Battery Major Market Trends

Table 13. World Humanoid Robot Lithium Battery Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Humanoid Robot Lithium Battery Consumption by Region (2021-2026) & (K Units)

Table 15. World Humanoid Robot Lithium Battery Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Humanoid Robot Lithium Battery Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Humanoid Robot Lithium Battery Producers in 2025

Table 18. World Humanoid Robot Lithium Battery Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Humanoid Robot Lithium Battery Producers in 2025

Table 20. World Humanoid Robot Lithium Battery Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Humanoid Robot Lithium Battery Company Evaluation Quadrant

Table 22. World Humanoid Robot Lithium Battery Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Humanoid Robot Lithium Battery Production Site of Key Manufacturer

Table 24. Humanoid Robot Lithium Battery Market: Company Product Type Footprint

Table 25. Humanoid Robot Lithium Battery Market: Company Product Application Footprint

Table 26. Humanoid Robot Lithium Battery Competitive Factors

Table 27. Humanoid Robot Lithium Battery New Entrant and Capacity Expansion Plans

Table 28. Humanoid Robot Lithium Battery Mergers & Acquisitions Activity

Table 29. United States VS China Humanoid Robot Lithium Battery Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Humanoid Robot Lithium Battery Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Humanoid Robot Lithium Battery Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Humanoid Robot Lithium Battery Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Humanoid Robot Lithium Battery Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Humanoid Robot Lithium Battery Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Humanoid Robot Lithium Battery Production Market Share (2021-2026)

Table 37. China Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Humanoid Robot Lithium Battery Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Humanoid Robot Lithium Battery Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Humanoid Robot Lithium Battery Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Humanoid Robot Lithium Battery Production Market Share (2021-2026)

Table 42. Rest of World Based Humanoid Robot Lithium Battery Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production Market Share (2021-2026)

Table 47. World Humanoid Robot Lithium Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Humanoid Robot Lithium Battery Production by Type (2021-2026) & (K Units)

Table 49. World Humanoid Robot Lithium Battery Production by Type (2027-2032) & (K Units)

Table 50. World Humanoid Robot Lithium Battery Production Value by Type (2021-2026) & (USD Million)

Table 51. World Humanoid Robot Lithium Battery Production Value by Type (2027-2032) & (USD Million)

Table 52. World Humanoid Robot Lithium Battery Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Humanoid Robot Lithium Battery Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Humanoid Robot Lithium Battery Production Value by Cells, (USD Million), 2021 & 2025 & 2032

Table 55. World Humanoid Robot Lithium Battery Production by Cells (2021-2026) & (K Units)

Table 56. World Humanoid Robot Lithium Battery Production by Cells (2027-2032) & (K Units)

Table 57. World Humanoid Robot Lithium Battery Production Value by Cells (2021-2026) & (USD Million)

Table 58. World Humanoid Robot Lithium Battery Production Value by Cells (2027-2032) & (USD Million)

Table 59. World Humanoid Robot Lithium Battery Average Price by Cells (2021-2026) & (US\$/Unit)

Table 60. World Humanoid Robot Lithium Battery Average Price by Cells (2027-2032) &

(US\$/Unit)

Table 61. World Humanoid Robot Lithium Battery Production Value by Electrolyte, (USD Million), 2021 & 2025 & 2032

Table 62. World Humanoid Robot Lithium Battery Production by Electrolyte (2021-2026) & (K Units)

Table 63. World Humanoid Robot Lithium Battery Production by Electrolyte (2027-2032) & (K Units)

Table 64. World Humanoid Robot Lithium Battery Production Value by Electrolyte (2021-2026) & (USD Million)

Table 65. World Humanoid Robot Lithium Battery Production Value by Electrolyte (2027-2032) & (USD Million)

Table 66. World Humanoid Robot Lithium Battery Average Price by Electrolyte (2021-2026) & (US\$/Unit)

Table 67. World Humanoid Robot Lithium Battery Average Price by Electrolyte (2027-2032) & (US\$/Unit)

Table 68. World Humanoid Robot Lithium Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Humanoid Robot Lithium Battery Production by Application (2021-2026) & (K Units)

Table 70. World Humanoid Robot Lithium Battery Production by Application (2027-2032) & (K Units)

Table 71. World Humanoid Robot Lithium Battery Production Value by Application (2021-2026) & (USD Million)

Table 72. World Humanoid Robot Lithium Battery Production Value by Application (2027-2032) & (USD Million)

Table 73. World Humanoid Robot Lithium Battery Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Humanoid Robot Lithium Battery Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. LG Basic Information, Manufacturing Base and Competitors

Table 76. LG Major Business

Table 77. LG Humanoid Robot Lithium Battery Product and Services

Table 78. LG Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. LG Recent Developments/Updates

Table 80. LG Competitive Strengths & Weaknesses

Table 81. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 82. Samsung SDI Major Business

Table 83. Samsung SDI Humanoid Robot Lithium Battery Product and Services

Table 84. Samsung SDI Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Samsung SDI Recent Developments/Updates

Table 86. Samsung SDI Competitive Strengths & Weaknesses

Table 87. Panasonic Basic Information, Manufacturing Base and Competitors

Table 88. Panasonic Major Business

Table 89. Panasonic Humanoid Robot Lithium Battery Product and Services

Table 90. Panasonic Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Panasonic Recent Developments/Updates

Table 92. Panasonic Competitive Strengths & Weaknesses

Table 93. Saft Batteries Basic Information, Manufacturing Base and Competitors

Table 94. Saft Batteries Major Business

Table 95. Saft Batteries Humanoid Robot Lithium Battery Product and Services

Table 96. Saft Batteries Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Saft Batteries Recent Developments/Updates

Table 98. Saft Batteries Competitive Strengths & Weaknesses

Table 99. Jiangsu Blue Lithium Battery Group Basic Information, Manufacturing Base and Competitors

Table 100. Jiangsu Blue Lithium Battery Group Major Business

Table 101. Jiangsu Blue Lithium Battery Group Humanoid Robot Lithium Battery Product and Services

Table 102. Jiangsu Blue Lithium Battery Group Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Jiangsu Blue Lithium Battery Group Recent Developments/Updates

Table 104. Jiangsu Blue Lithium Battery Group Competitive Strengths & Weaknesses

Table 105. EVE Energy Basic Information, Manufacturing Base and Competitors

Table 106. EVE Energy Major Business

Table 107. EVE Energy Humanoid Robot Lithium Battery Product and Services

Table 108. EVE Energy Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. EVE Energy Recent Developments/Updates

Table 110. EVE Energy Competitive Strengths & Weaknesses

- Table 111. CATL Basic Information, Manufacturing Base and Competitors
- Table 112. CATL Major Business
- Table 113. CATL Humanoid Robot Lithium Battery Product and Services
- Table 114. CATL Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. CATL Recent Developments/Updates
- Table 116. CATL Competitive Strengths & Weaknesses
- Table 117. Lishen BATTERY Basic Information, Manufacturing Base and Competitors
- Table 118. Lishen BATTERY Major Business
- Table 119. Lishen BATTERY Humanoid Robot Lithium Battery Product and Services
- Table 120. Lishen BATTERY Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Lishen BATTERY Recent Developments/Updates
- Table 122. Lishen BATTERY Competitive Strengths & Weaknesses
- Table 123. Sichuan Changhong Newenergy Technology Basic Information, Manufacturing Base and Competitors
- Table 124. Sichuan Changhong Newenergy Technology Major Business
- Table 125. Sichuan Changhong Newenergy Technology Humanoid Robot Lithium Battery Product and Services
- Table 126. Sichuan Changhong Newenergy Technology Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Sichuan Changhong Newenergy Technology Recent Developments/Updates
- Table 128. Sichuan Changhong Newenergy Technology Competitive Strengths & Weaknesses
- Table 129. Jiangsu Ruien New Energy Technology Basic Information, Manufacturing Base and Competitors
- Table 130. Jiangsu Ruien New Energy Technology Major Business
- Table 131. Jiangsu Ruien New Energy Technology Humanoid Robot Lithium Battery Product and Services
- Table 132. Jiangsu Ruien New Energy Technology Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Jiangsu Ruien New Energy Technology Recent Developments/Updates
- Table 134. Jiangsu Ruien New Energy Technology Competitive Strengths & Weaknesses
- Table 135. BAK Power Battery Basic Information, Manufacturing Base and Competitors

- Table 136. BAK Power Battery Major Business
- Table 137. BAK Power Battery Humanoid Robot Lithium Battery Product and Services
- Table 138. BAK Power Battery Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. BAK Power Battery Recent Developments/Updates
- Table 140. BAK Power Battery Competitive Strengths & Weaknesses
- Table 141. Shen ZHEN Grepow BATTERY Basic Information, Manufacturing Base and Competitors
- Table 142. Shen ZHEN Grepow BATTERY Major Business
- Table 143. Shen ZHEN Grepow BATTERY Humanoid Robot Lithium Battery Product and Services
- Table 144. Shen ZHEN Grepow BATTERY Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. Shen ZHEN Grepow BATTERY Recent Developments/Updates
- Table 146. Shen ZHEN Grepow BATTERY Competitive Strengths & Weaknesses
- Table 147. Sunwoda Electronic Basic Information, Manufacturing Base and Competitors
- Table 148. Sunwoda Electronic Major Business
- Table 149. Sunwoda Electronic Humanoid Robot Lithium Battery Product and Services
- Table 150. Sunwoda Electronic Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. Sunwoda Electronic Recent Developments/Updates
- Table 152. Sunwoda Electronic Competitive Strengths & Weaknesses
- Table 153. Farasis Energy Basic Information, Manufacturing Base and Competitors
- Table 154. Farasis Energy Major Business
- Table 155. Farasis Energy Humanoid Robot Lithium Battery Product and Services
- Table 156. Farasis Energy Humanoid Robot Lithium Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. Farasis Energy Recent Developments/Updates
- Table 158. Farasis Energy Competitive Strengths & Weaknesses
- Table 159. Global Key Players of Humanoid Robot Lithium Battery Upstream (Raw Materials)
- Table 160. Global Humanoid Robot Lithium Battery Typical Customers
- Table 161. Humanoid Robot Lithium Battery Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Humanoid Robot Lithium Battery Picture

Figure 2. World Humanoid Robot Lithium Battery Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Humanoid Robot Lithium Battery Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 5. World Humanoid Robot Lithium Battery Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Humanoid Robot Lithium Battery Production Value Market Share by Region (2021-2032)

Figure 7. World Humanoid Robot Lithium Battery Production Market Share by Region (2021-2032)

Figure 8. North America Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 9. Europe Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 10. China Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 11. Japan Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 12. South Korea Humanoid Robot Lithium Battery Production (2021-2032) & (K Units)

Figure 13. Humanoid Robot Lithium Battery Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 16. World Humanoid Robot Lithium Battery Consumption Market Share by Region (2021-2032)

Figure 17. United States Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 18. China Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 19. Europe Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 20. Japan Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 21. South Korea Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 22. ASEAN Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 23. India Humanoid Robot Lithium Battery Consumption (2021-2032) & (K Units)

Figure 24. Producer Shipments of Humanoid Robot Lithium Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Humanoid Robot Lithium Battery Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Humanoid Robot Lithium Battery Markets in 2025

Figure 27. United States VS China: Humanoid Robot Lithium Battery Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Humanoid Robot Lithium Battery Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Humanoid Robot Lithium Battery Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Humanoid Robot Lithium Battery Production Market Share 2025

Figure 31. China Based Manufacturers Humanoid Robot Lithium Battery Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Humanoid Robot Lithium Battery Production Market Share 2025

Figure 33. World Humanoid Robot Lithium Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Humanoid Robot Lithium Battery Production Value Market Share by Type in 2025

Figure 35. Cylindrical Battery

Figure 36. Pouch Battery

Figure 37. Square Battery

Figure 38. World Humanoid Robot Lithium Battery Production Market Share by Type (2021-2032)

Figure 39. World Humanoid Robot Lithium Battery Production Value Market Share by Type (2021-2032)

Figure 40. World Humanoid Robot Lithium Battery Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Humanoid Robot Lithium Battery Production Value by Cells, (USD Million), 2021 & 2025 & 2032

Figure 42. World Humanoid Robot Lithium Battery Production Value Market Share by Cells in 2025

Figure 43. 21700 Cells

Figure 44. 18650 Cells

Figure 45. Others

Figure 46. World Humanoid Robot Lithium Battery Production Market Share by Cells (2021-2032)

Figure 47. World Humanoid Robot Lithium Battery Production Value Market Share by Cells (2021-2032)

Figure 48. World Humanoid Robot Lithium Battery Average Price by Cells (2021-2032) & (US\$/Unit)

Figure 49. World Humanoid Robot Lithium Battery Production Value by Electrolyte, (USD Million), 2021 & 2025 & 2032

Figure 50. World Humanoid Robot Lithium Battery Production Value Market Share by Electrolyte in 2025

Figure 51. Liquid Lithium Batteries

Figure 52. Solid-state Lithium Batteries

Figure 53. World Humanoid Robot Lithium Battery Production Market Share by Electrolyte (2021-2032)

Figure 54. World Humanoid Robot Lithium Battery Production Value Market Share by Electrolyte (2021-2032)

Figure 55. World Humanoid Robot Lithium Battery Average Price by Electrolyte (2021-2032) & (US\$/Unit)

Figure 56. World Humanoid Robot Lithium Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Humanoid Robot Lithium Battery Production Value Market Share by Application in 2025

Figure 58. Service Humanoid Robots

Figure 59. Industrial Humanoid Robots

Figure 60. Others

Figure 61. World Humanoid Robot Lithium Battery Production Market Share by Application (2021-2032)

Figure 62. World Humanoid Robot Lithium Battery Production Value Market Share by Application (2021-2032)

Figure 63. World Humanoid Robot Lithium Battery Average Price by Application (2021-2032) & (US\$/Unit)

Figure 64. Humanoid Robot Lithium Battery Industry Chain

Figure 65. Humanoid Robot Lithium Battery Procurement Model

Figure 66. Humanoid Robot Lithium Battery Sales Model

Figure 67. Humanoid Robot Lithium Battery Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Humanoid Robot Lithium Battery Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GB0C9703B3E9EN.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/GB0C9703B3E9EN.html>