

# Global Lithium-Air battery Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3264979F856EN.html>

Date: July 2026

Pages: 82

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

ID: G3264979F856EN

## Abstracts

The global Lithium-Air battery market size is expected to reach \$ 162 million by 2032, rising at a market growth of 9.9% CAGR during the forecast period (2026-2032).

Lithium-Air Battery is an advanced electrochemical energy storage system that uses lithium metal as the anode and oxygen from ambient air as the cathode reactant. During discharge, lithium reacts electrochemically with oxygen to form lithium oxides or lithium peroxides, while the reverse reaction occurs during charging, enabling energy storage and release. Because the system does not require a traditional solid cathode material and instead utilizes oxygen directly from the environment, lithium-air batteries offer a theoretical energy density significantly higher than that of conventional lithium-ion batteries, making them one of the most promising next-generation energy storage technologies. However, practical implementation is hindered by several critical challenges, including complex oxygen reaction pathways, high overpotentials, limited cycle life, electrolyte instability, and lithium metal dendrite formation. As a result, lithium-air batteries remain primarily in the stage of fundamental research and laboratory-scale validation, with no large-scale commercial deployment to date. In 2025, global Lithium-Air battery production reached approximately 12 k Units, with an average global market price of around 6210 USD/Unit. The production capacity for Lithium-Air battery in 2025 was approximately 15 k Units. The typical gross profit margin for Lithium-Air battery between 20% and 40%.

The lithium-air battery market is still in a very early-stage research phase and has not yet formed a mature commercial industry chain. Its current market is primarily reflected in R&D investment, prototype validation, and advanced energy material development activities. Lithium-air technology is widely considered one of the most promising candidates for next-generation ultra-high-energy-density storage systems,

particularly for applications in aerospace, deep-space exploration, military energy systems, and future long-duration grid storage. The main market drivers include the global demand for higher energy density beyond the limits of lithium-ion batteries and the growing need for breakthrough energy storage technologies. However, significant technical barriers?such as poor cycle stability, low round-trip efficiency, and difficulties in engineering implementation?have delayed commercialization far behind other competing technologies like lithium-ion, zinc-air, and iron-air systems. The current market participants are mainly research institutions, universities, and advanced R&D divisions of major battery and materials companies. Overall, the industry is characterized by high R&D intensity, low commercial output, and a long development cycle. Only with major breakthroughs in materials science and catalytic systems over the next decade could lithium-air batteries gradually move toward pilot-scale demonstration and early commercialization.

This report studies the global Lithium-Air battery production, demand, key manufacturers, and key regions.

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

#### Highlights and key features of the study

Global Lithium-Air battery total production and demand, 2021-2032, (K Units)

Global Lithium-Air battery total production value, 2021-2032, (USD Million)

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

Global Lithium-Air battery consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Lithium-Air battery domestic production, consumption, key domestic manufacturers and share

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

Global Lithium-Air battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Lithium-Air battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Lithium-Air 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 Polyplus Battery, IBM, Toyota, Samsung SDI, LG Energy Solution, 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 Lithium-Air 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 Lithium-Air battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Lithium-Air battery Market, Segmentation by Type:

Primary Li-Air Battery

Rechargeable Lithium-Air Battery

### Global Lithium-Air battery Market, Segmentation by Electrolyte Type:

Liquid Electrolyte

Solid-state Electrolyte

Hybrid Electrolyte

### Global Lithium-Air battery Market, Segmentation by Reaction Mechanism:

Reversible ORR/OER System

Irreversible System

### Global Lithium-Air battery Market, Segmentation by Application:

Aerospace

Defense and Military

Deep Space Exploration

Other

### Companies Profiled:

Polyplus Battery

IBM

Toyota

Samsung SDI

LG Energy Solution

Key Questions Answered:

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

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Lithium-Air battery Production Value by Manufacturer (2021-2026)
- 3.2 World Lithium-Air battery Production by Manufacturer (2021-2026)

3.3 World Lithium-Air battery Average Price by Manufacturer (2021-2026)

3.4 Lithium-Air battery Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Lithium-Air battery Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Lithium-Air battery in 2025

3.5.3 Global Concentration Ratios (CR8) for Lithium-Air battery in 2025

3.6 Lithium-Air battery Market: Overall Company Footprint Analysis

3.6.1 Lithium-Air battery Market: Region Footprint

3.6.2 Lithium-Air battery Market: Company Product Type Footprint

3.6.3 Lithium-Air 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: Lithium-Air battery Production Value Comparison

4.1.1 United States VS China: Lithium-Air battery Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Lithium-Air battery Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Lithium-Air battery Production Comparison

4.2.1 United States VS China: Lithium-Air battery Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Lithium-Air battery Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Lithium-Air battery Consumption Comparison

4.3.1 United States VS China: Lithium-Air battery Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Lithium-Air battery Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Lithium-Air battery Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Lithium-Air battery Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Lithium-Air battery Production Value

(2021-2026)

4.4.3 United States Based Manufacturers Lithium-Air battery Production (2021-2026)

4.5 China Based Lithium-Air battery Manufacturers and Market Share

4.5.1 China Based Lithium-Air battery Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Lithium-Air battery Production Value (2021-2026)

4.5.3 China Based Manufacturers Lithium-Air battery Production (2021-2026)

4.6 Rest of World Based Lithium-Air battery Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Lithium-Air battery Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Lithium-Air battery Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Lithium-Air battery Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Lithium-Air battery Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Primary Li-Air Battery

5.2.2 Rechargeable Lithium-Air Battery

5.3 Market Segment by Type

5.3.1 World Lithium-Air battery Production by Type (2021-2032)

5.3.2 World Lithium-Air battery Production Value by Type (2021-2032)

5.3.3 World Lithium-Air battery Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY ELECTROLYTE TYPE**

6.1 World Lithium-Air battery Market Size Overview by Electrolyte Type: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Electrolyte Type

6.2.1 Liquid Electrolyte

6.2.2 Solid-state Electrolyte

6.2.3 Hybrid Electrolyte

6.3 Market Segment by Electrolyte Type

6.3.1 World Lithium-Air battery Production by Electrolyte Type (2021-2032)

6.3.2 World Lithium-Air battery Production Value by Electrolyte Type (2021-2032)

6.3.3 World Lithium-Air battery Average Price by Electrolyte Type (2021-2032)



## **7 MARKET ANALYSIS BY REACTION MECHANISM**

7.1 World Lithium-Air battery Market Size Overview by Reaction Mechanism: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Reaction Mechanism

7.2.1 Reversible ORR/OER System

7.2.2 Irreversible System

7.3 Market Segment by Reaction Mechanism

7.3.1 World Lithium-Air battery Production by Reaction Mechanism (2021-2032)

7.3.2 World Lithium-Air battery Production Value by Reaction Mechanism (2021-2032)

7.3.3 World Lithium-Air battery Average Price by Reaction Mechanism (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Lithium-Air battery Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Aerospace

8.2.2 Defense and Military

8.2.3 Deep Space Exploration

8.2.4 Other

8.3 Market Segment by Application

8.3.1 World Lithium-Air battery Production by Application (2021-2032)

8.3.2 World Lithium-Air battery Production Value by Application (2021-2032)

8.3.3 World Lithium-Air battery Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Polyplus Battery

9.1.1 Polyplus Battery Details

9.1.2 Polyplus Battery Major Business

9.1.3 Polyplus Battery Lithium-Air battery Product and Services

9.1.4 Polyplus Battery Lithium-Air battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Polyplus Battery Recent Developments/Updates

9.1.6 Polyplus Battery Competitive Strengths & Weaknesses

9.2 IBM

9.2.1 IBM Details

9.2.2 IBM Major Business

- 9.2.3 IBM Lithium-Air battery Product and Services
- 9.2.4 IBM Lithium-Air battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 IBM Recent Developments/Updates
- 9.2.6 IBM Competitive Strengths & Weaknesses
- 9.3 Toyota
  - 9.3.1 Toyota Details
  - 9.3.2 Toyota Major Business
  - 9.3.3 Toyota Lithium-Air battery Product and Services
  - 9.3.4 Toyota Lithium-Air battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.3.5 Toyota Recent Developments/Updates
  - 9.3.6 Toyota Competitive Strengths & Weaknesses
- 9.4 Samsung SDI
  - 9.4.1 Samsung SDI Details
  - 9.4.2 Samsung SDI Major Business
  - 9.4.3 Samsung SDI Lithium-Air battery Product and Services
  - 9.4.4 Samsung SDI Lithium-Air battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Samsung SDI Recent Developments/Updates
  - 9.4.6 Samsung SDI Competitive Strengths & Weaknesses
- 9.5 LG Energy Solution
  - 9.5.1 LG Energy Solution Details
  - 9.5.2 LG Energy Solution Major Business
  - 9.5.3 LG Energy Solution Lithium-Air battery Product and Services
  - 9.5.4 LG Energy Solution Lithium-Air battery Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 LG Energy Solution Recent Developments/Updates
  - 9.5.6 LG Energy Solution Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Lithium-Air battery Industry Chain
- 10.2 Lithium-Air battery Upstream Analysis
  - 10.2.1 Lithium-Air battery Core Raw Materials
  - 10.2.2 Main Manufacturers of Lithium-Air battery Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Lithium-Air battery Production Mode

10.6 Lithium-Air battery Procurement Model

10.7 Lithium-Air battery Industry Sales Model and Sales Channels

10.7.1 Lithium-Air battery Sales Model

10.7.2 Lithium-Air 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 Lithium-Air battery Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Lithium-Air battery Production Value by Region (2021-2026) & (USD Million)

Table 3. World Lithium-Air battery Production Value by Region (2027-2032) & (USD Million)

Table 4. World Lithium-Air battery Production Value Market Share by Region (2021-2026)

Table 5. World Lithium-Air battery Production Value Market Share by Region (2027-2032)

Table 6. World Lithium-Air battery Production by Region (2021-2026) & (K Units)

Table 7. World Lithium-Air battery Production by Region (2027-2032) & (K Units)

Table 8. World Lithium-Air battery Production Market Share by Region (2021-2026)

Table 9. World Lithium-Air battery Production Market Share by Region (2027-2032)

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

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

Table 12. Lithium-Air battery Major Market Trends

Table 13. World Lithium-Air battery Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Lithium-Air battery Consumption by Region (2021-2026) & (K Units)

Table 15. World Lithium-Air battery Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Lithium-Air battery Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Lithium-Air battery Producers in 2025

Table 18. World Lithium-Air battery Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Lithium-Air battery Producers in 2025

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

Table 21. Global Lithium-Air battery Company Evaluation Quadrant

Table 22. World Lithium-Air battery Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Lithium-Air battery Production Site of Key Manufacturer

Table 24. Lithium-Air battery Market: Company Product Type Footprint

Table 25. Lithium-Air battery Market: Company Product Application Footprint

|                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------|
| Table 26. Lithium-Air battery Competitive Factors                                                                      |
| Table 27. Lithium-Air battery New Entrant and Capacity Expansion Plans                                                 |
| Table 28. Lithium-Air battery Mergers & Acquisitions Activity                                                          |
| Table 29. United States VS China Lithium-Air battery Production Value Comparison, (2021 & 2025 & 2032) & (USD Million) |
| Table 30. United States VS China Lithium-Air battery Production Comparison, (2021 & 2025 & 2032) & (K Units)           |
| Table 31. United States VS China Lithium-Air battery Consumption Comparison, (2021 & 2025 & 2032) & (K Units)          |
| Table 32. United States Based Lithium-Air battery Manufacturers, Headquarters and Production Site (States, Country)    |
| Table 33. United States Based Manufacturers Lithium-Air battery Production Value, (2021-2026) & (USD Million)          |
| Table 34. United States Based Manufacturers Lithium-Air battery Production Value Market Share (2021-2026)              |
| Table 35. United States Based Manufacturers Lithium-Air battery Production (2021-2026) & (K Units)                     |
| Table 36. United States Based Manufacturers Lithium-Air battery Production Market Share (2021-2026)                    |
| Table 37. China Based Lithium-Air battery Manufacturers, Headquarters and Production Site (Province, Country)          |
| Table 38. China Based Manufacturers Lithium-Air battery Production Value, (2021-2026) & (USD Million)                  |
| Table 39. China Based Manufacturers Lithium-Air battery Production Value Market Share (2021-2026)                      |
| Table 40. China Based Manufacturers Lithium-Air battery Production, (2021-2026) & (K Units)                            |
| Table 41. China Based Manufacturers Lithium-Air battery Production Market Share (2021-2026)                            |
| Table 42. Rest of World Based Lithium-Air battery Manufacturers, Headquarters and Production Site (State, Country)     |
| Table 43. Rest of World Based Manufacturers Lithium-Air battery Production Value, (2021-2026) & (USD Million)          |
| Table 44. Rest of World Based Manufacturers Lithium-Air battery Production Value Market Share (2021-2026)              |
| Table 45. Rest of World Based Manufacturers Lithium-Air battery Production, (2021-2026) & (K Units)                    |
| Table 46. Rest of World Based Manufacturers Lithium-Air battery Production Market Share (2021-2026)                    |

Table 47. World Lithium-Air battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Lithium-Air battery Production by Type (2021-2026) & (K Units)

Table 49. World Lithium-Air battery Production by Type (2027-2032) & (K Units)

Table 50. World Lithium-Air battery Production Value by Type (2021-2026) & (USD Million)

Table 51. World Lithium-Air battery Production Value by Type (2027-2032) & (USD Million)

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

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

Table 54. World Lithium-Air battery Production Value by Electrolyte Type, (USD Million), 2021 & 2025 & 2032

Table 55. World Lithium-Air battery Production by Electrolyte Type (2021-2026) & (K Units)

Table 56. World Lithium-Air battery Production by Electrolyte Type (2027-2032) & (K Units)

Table 57. World Lithium-Air battery Production Value by Electrolyte Type (2021-2026) & (USD Million)

Table 58. World Lithium-Air battery Production Value by Electrolyte Type (2027-2032) & (USD Million)

Table 59. World Lithium-Air battery Average Price by Electrolyte Type (2021-2026) & (US\$/Unit)

Table 60. World Lithium-Air battery Average Price by Electrolyte Type (2027-2032) & (US\$/Unit)

Table 61. World Lithium-Air battery Production Value by Reaction Mechanism, (USD Million), 2021 & 2025 & 2032

Table 62. World Lithium-Air battery Production by Reaction Mechanism (2021-2026) & (K Units)

Table 63. World Lithium-Air battery Production by Reaction Mechanism (2027-2032) & (K Units)

Table 64. World Lithium-Air battery Production Value by Reaction Mechanism (2021-2026) & (USD Million)

Table 65. World Lithium-Air battery Production Value by Reaction Mechanism (2027-2032) & (USD Million)

Table 66. World Lithium-Air battery Average Price by Reaction Mechanism (2021-2026) & (US\$/Unit)

Table 67. World Lithium-Air battery Average Price by Reaction Mechanism (2027-2032) & (US\$/Unit)

Table 68. World Lithium-Air battery Production Value by Application, (USD Million),



2021 & 2025 & 2032

Table 69. World Lithium-Air battery Production by Application (2021-2026) & (K Units)

Table 70. World Lithium-Air battery Production by Application (2027-2032) & (K Units)

Table 71. World Lithium-Air battery Production Value by Application (2021-2026) & (USD Million)

Table 72. World Lithium-Air battery Production Value by Application (2027-2032) & (USD Million)

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

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

Table 75. Polyplus Battery Basic Information, Manufacturing Base and Competitors

Table 76. Polyplus Battery Major Business

Table 77. Polyplus Battery Lithium-Air battery Product and Services

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

Table 79. Polyplus Battery Recent Developments/Updates

Table 80. Polyplus Battery Competitive Strengths & Weaknesses

Table 81. IBM Basic Information, Manufacturing Base and Competitors

Table 82. IBM Major Business

Table 83. IBM Lithium-Air battery Product and Services

Table 84. IBM Lithium-Air battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. IBM Recent Developments/Updates

Table 86. IBM Competitive Strengths & Weaknesses

Table 87. Toyota Basic Information, Manufacturing Base and Competitors

Table 88. Toyota Major Business

Table 89. Toyota Lithium-Air battery Product and Services

Table 90. Toyota Lithium-Air battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Toyota Recent Developments/Updates

Table 92. Toyota Competitive Strengths & Weaknesses

Table 93. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 94. Samsung SDI Major Business

Table 95. Samsung SDI Lithium-Air battery Product and Services

Table 96. Samsung SDI Lithium-Air battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Samsung SDI Recent Developments/Updates

Table 98. Samsung SDI Competitive Strengths & Weaknesses

Table 99. LG Energy Solution Basic Information, Manufacturing Base and Competitors

Table 100. LG Energy Solution Major Business

Table 101. LG Energy Solution Lithium-Air battery Product and Services

Table 102. LG Energy Solution Lithium-Air battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. LG Energy Solution Recent Developments/Updates

Table 104. LG Energy Solution Competitive Strengths & Weaknesses

Table 105. Global Key Players of Lithium-Air battery Upstream (Raw Materials)

Table 106. Global Lithium-Air battery Typical Customers

Table 107. Lithium-Air battery Typical Distributors



## List Of Figures

### LIST OF FIGURES

Figure 1. Lithium-Air battery Picture

Figure 2. World Lithium-Air battery Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Lithium-Air battery Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Lithium-Air battery Production (2021-2032) & (K Units)

Figure 5. World Lithium-Air battery Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Lithium-Air battery Production Value Market Share by Region (2021-2032)

Figure 7. World Lithium-Air battery Production Market Share by Region (2021-2032)

Figure 8. North America Lithium-Air battery Production (2021-2032) & (K Units)

Figure 9. Europe Lithium-Air battery Production (2021-2032) & (K Units)

Figure 10. Japan Lithium-Air battery Production (2021-2032) & (K Units)

Figure 11. Lithium-Air battery Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 14. World Lithium-Air battery Consumption Market Share by Region (2021-2032)

Figure 15. United States Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 16. China Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 17. Europe Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 18. Japan Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 19. South Korea Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 20. ASEAN Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 21. India Lithium-Air battery Consumption (2021-2032) & (K Units)

Figure 22. Producer Shipments of Lithium-Air battery by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 23. Global Four-firm Concentration Ratios (CR4) for Lithium-Air battery Markets in 2025

Figure 24. Global Four-firm Concentration Ratios (CR8) for Lithium-Air battery Markets in 2025

Figure 25. United States VS China: Lithium-Air battery Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: Lithium-Air battery Production Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Lithium-Air battery Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States Based Manufacturers Lithium-Air battery Production Market Share 2025

Figure 29. China Based Manufacturers Lithium-Air battery Production Market Share 2025

Figure 30. Rest of World Based Manufacturers Lithium-Air battery Production Market Share 2025

Figure 31. World Lithium-Air battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 32. World Lithium-Air battery Production Value Market Share by Type in 2025

Figure 33. Primary Li-Air Battery

Figure 34. Rechargeable Lithium-Air Battery

Figure 35. World Lithium-Air battery Production Market Share by Type (2021-2032)

Figure 36. World Lithium-Air battery Production Value Market Share by Type (2021-2032)

Figure 37. World Lithium-Air battery Average Price by Type (2021-2032) & (US\$/Unit)

Figure 38. World Lithium-Air battery Production Value by Electrolyte Type, (USD Million), 2021 & 2025 & 2032

Figure 39. World Lithium-Air battery Production Value Market Share by Electrolyte Type in 2025

Figure 40. Liquid Electrolyte

Figure 41. Solid-state Electrolyte

Figure 42. Hybrid Electrolyte

Figure 43. World Lithium-Air battery Production Market Share by Electrolyte Type (2021-2032)

Figure 44. World Lithium-Air battery Production Value Market Share by Electrolyte Type (2021-2032)

Figure 45. World Lithium-Air battery Average Price by Electrolyte Type (2021-2032) & (US\$/Unit)

Figure 46. World Lithium-Air battery Production Value by Reaction Mechanism, (USD Million), 2021 & 2025 & 2032

Figure 47. World Lithium-Air battery Production Value Market Share by Reaction Mechanism in 2025

Figure 48. Reversible ORR/OER System

Figure 49. Irreversible System

Figure 50. World Lithium-Air battery Production Market Share by Reaction Mechanism (2021-2032)

Figure 51. World Lithium-Air battery Production Value Market Share by Reaction Mechanism (2021-2032)

Figure 52. World Lithium-Air battery Average Price by Reaction Mechanism (2021-2032) & (US\$/Unit)

Figure 53. World Lithium-Air battery Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 54. World Lithium-Air battery Production Value Market Share by Application in 2025

Figure 55. Aerospace

Figure 56. Defense and Military

Figure 57. Deep Space Exploration

Figure 58. Other

Figure 59. World Lithium-Air battery Production Market Share by Application (2021-2032)

Figure 60. World Lithium-Air battery Production Value Market Share by Application (2021-2032)

Figure 61. World Lithium-Air battery Average Price by Application (2021-2032) & (US\$/Unit)

Figure 62. Lithium-Air battery Industry Chain

Figure 63. Lithium-Air battery Procurement Model

Figure 64. Lithium-Air battery Sales Model

Figure 65. Lithium-Air battery Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

## I would like to order

Product name: Global Lithium-Air battery Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3264979F856EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3264979F856EN.html>