

Global Direct Lithium Extraction Technology Services Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/G2285DD4035DEN.html>

Date: May 2024

Pages: 105

Price: US\$ 3,660.00 (Single User License)

ID: G2285DD4035DEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Lithium is a highly reactive alkali metal that offers excellent heat and electrical conductivity, which makes it ideal for several uses such as EV and energy storage, as mentioned above. However, because of its high reactivity, pure elemental lithium is not found in nature but is instead present as a constituent of salts or other compounds. Direct Lithium Extraction (DLE) is one of the latest trends to extract lithium. This technique consists of several chemical processes that allow for fast isolated lithium production into saleable forms of lithium. This can be done via three main methods: 1. Adsorption: using sorbents to physically adhere to the lithium for selective removal. After the sorbent is loaded with the lithium chloride, it's washed with a diluted lithium chloride stream to remove unwanted ions, and then washed a second time to unload the lithium chloride. The latest sorbent being tested is a lithium aluminum layered double hydroxide chloride sorbent, or LDH. As described in a recent study published by Environmental Science & Technology, this method doesn't require an acid wash or other chemicals, which ultimately makes it more friendly. 2. Ion Exchange: These systems separate ionic contaminants from solution through a physicochemical process where undesirable ions are replaced by other ions of the same electrical charge. Lithium recovery by ion exchange can change with a simple adjustment in pH, temperature, or stream composition (and the same goes for other lithium extraction methods), but researchers also believe this method can recover roughly 90% of the lithium present. 3. Solvent extraction: this process involves capturing lithium either chemically or physically and transforming it into LiCl or Li^{*} from brine.

The global Direct Lithium Extraction Technology Services market size is projected to grow from US\$ 248 million in 2024 to US\$ 3369 million in 2030; it is expected to grow at

a CAGR of 54.5% from 2024 to 2030.

LPI (LP Information)' newest research report, the “Direct Lithium Extraction Technology Services Industry Forecast” looks at past sales and reviews total world Direct Lithium Extraction Technology Services sales in 2022, providing a comprehensive analysis by region and market sector of projected Direct Lithium Extraction Technology Services sales for 2023 through 2029. With Direct Lithium Extraction Technology Services sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Direct Lithium Extraction Technology Services industry.

This Insight Report provides a comprehensive analysis of the global Direct Lithium Extraction Technology Services landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Direct Lithium Extraction Technology Services portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Direct Lithium Extraction Technology Services market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Direct Lithium Extraction Technology Services and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Direct Lithium Extraction Technology Services.

Global key players of direct lithium extraction technology services include Lilac Solutions, Sunresin, Jiuwu Hi-tech, etc. The top three players hold a share over 78%.

In terms of product type, sorbent extraction is the largest segment, occupied for a share of 65%, and in terms of application, salt lake brine extraction has a share about 97 percent.

This report presents a comprehensive overview, market shares, and growth opportunities of Direct Lithium Extraction Technology Services market by product type, application, key players and key regions and countries.

Segmentation by Type:

Sorbent Extraction

Ion Exchange

Solvent Extraction

Segmentation by Application:

Salt Lake Brine Extraction

Deep Brine Extraction

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Segmentation by Type:

Sorbent Extraction

Ion Exchange

Solvent Extraction

Segmentation by Application:

Salt Lake Brine Extraction

Deep Brine Extraction

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Lilac Solutions

Sunresin Inc.

Jiuwu Hi-tech

TUS-MEMBRANE

Summit Nanotech

EnergySource Minerals LLC

E3 LITHIUM

SLB

Energy Exploration Technologies

Standard Lithium

International Battery Metals Inc

Xinjiang Tailixin Mining Co., Ltd.

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Direct Lithium Extraction Technology Services Market Size 2019-2030
 - 2.1.2 Direct Lithium Extraction Technology Services Market Size CAGR by Region (2019 VS 2023 VS 2030)
 - 2.1.3 World Current & Future Analysis for Direct Lithium Extraction Technology Services by Country/Region, 2019, 2023 & 2030
- 2.2 Direct Lithium Extraction Technology Services Segment by Type
 - 2.2.1 Sorbent Extraction
 - 2.2.2 Ion Exchange
 - 2.2.3 Solvent Extraction
- 2.3 Direct Lithium Extraction Technology Services Market Size by Type
 - 2.3.1 Direct Lithium Extraction Technology Services Market Size CAGR by Type (2019 VS 2023 VS 2030)
 - 2.3.2 Global Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)
- 2.4 Direct Lithium Extraction Technology Services Segment by Application
 - 2.4.1 Salt Lake Brine Extraction
 - 2.4.2 Deep Brine Extraction
- 2.5 Direct Lithium Extraction Technology Services Market Size by Application
 - 2.5.1 Direct Lithium Extraction Technology Services Market Size CAGR by Application (2019 VS 2023 VS 2030)
 - 2.5.2 Global Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

3 DIRECT LITHIUM EXTRACTION TECHNOLOGY SERVICES MARKET SIZE BY PLAYER

3.1 Direct Lithium Extraction Technology Services Market Size Market Share by Player

3.1.1 Global Direct Lithium Extraction Technology Services Revenue by Player (2019-2024)

3.1.2 Global Direct Lithium Extraction Technology Services Revenue Market Share by Player (2019-2024)

3.2 Global Direct Lithium Extraction Technology Services Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2022-2024)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 DIRECT LITHIUM EXTRACTION TECHNOLOGY SERVICES BY REGION

4.1 Direct Lithium Extraction Technology Services Market Size by Region (2019-2024)

4.2 Global Direct Lithium Extraction Technology Services Annual Revenue by Country/Region (2019-2024)

4.3 Americas Direct Lithium Extraction Technology Services Market Size Growth (2019-2024)

4.4 APAC Direct Lithium Extraction Technology Services Market Size Growth (2019-2024)

4.5 Europe Direct Lithium Extraction Technology Services Market Size Growth (2019-2024)

4.6 Middle East & Africa Direct Lithium Extraction Technology Services Market Size Growth (2019-2024)

5 AMERICAS

5.1 Americas Direct Lithium Extraction Technology Services Market Size by Country (2019-2024)

5.2 Americas Direct Lithium Extraction Technology Services Market Size by Type (2019-2024)

5.3 Americas Direct Lithium Extraction Technology Services Market Size by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Direct Lithium Extraction Technology Services Market Size by Region (2019-2024)

6.2 APAC Direct Lithium Extraction Technology Services Market Size by Type (2019-2024)

6.3 APAC Direct Lithium Extraction Technology Services Market Size by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

7 EUROPE

7.1 Europe Direct Lithium Extraction Technology Services Market Size by Country (2019-2024)

7.2 Europe Direct Lithium Extraction Technology Services Market Size by Type (2019-2024)

7.3 Europe Direct Lithium Extraction Technology Services Market Size by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Direct Lithium Extraction Technology Services by Region (2019-2024)

8.2 Middle East & Africa Direct Lithium Extraction Technology Services Market Size by Type (2019-2024)

8.3 Middle East & Africa Direct Lithium Extraction Technology Services Market Size by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 GLOBAL DIRECT LITHIUM EXTRACTION TECHNOLOGY SERVICES MARKET FORECAST

10.1 Global Direct Lithium Extraction Technology Services Forecast by Region (2025-2030)

10.1.1 Global Direct Lithium Extraction Technology Services Forecast by Region (2025-2030)

10.1.2 Americas Direct Lithium Extraction Technology Services Forecast

10.1.3 APAC Direct Lithium Extraction Technology Services Forecast

10.1.4 Europe Direct Lithium Extraction Technology Services Forecast

10.1.5 Middle East & Africa Direct Lithium Extraction Technology Services Forecast

10.2 Americas Direct Lithium Extraction Technology Services Forecast by Country (2025-2030)

10.2.1 United States Market Direct Lithium Extraction Technology Services Forecast

10.2.2 Canada Market Direct Lithium Extraction Technology Services Forecast

10.2.3 Mexico Market Direct Lithium Extraction Technology Services Forecast

10.2.4 Brazil Market Direct Lithium Extraction Technology Services Forecast

10.3 APAC Direct Lithium Extraction Technology Services Forecast by Region (2025-2030)

10.3.1 China Direct Lithium Extraction Technology Services Market Forecast

10.3.2 Japan Market Direct Lithium Extraction Technology Services Forecast

10.3.3 Korea Market Direct Lithium Extraction Technology Services Forecast

10.3.4 Southeast Asia Market Direct Lithium Extraction Technology Services Forecast

10.3.5 India Market Direct Lithium Extraction Technology Services Forecast

10.3.6 Australia Market Direct Lithium Extraction Technology Services Forecast

10.4 Europe Direct Lithium Extraction Technology Services Forecast by Country (2025-2030)

10.4.1 Germany Market Direct Lithium Extraction Technology Services Forecast

10.4.2 France Market Direct Lithium Extraction Technology Services Forecast

10.4.3 UK Market Direct Lithium Extraction Technology Services Forecast

10.4.4 Italy Market Direct Lithium Extraction Technology Services Forecast

10.4.5 Russia Market Direct Lithium Extraction Technology Services Forecast

10.5 Middle East & Africa Direct Lithium Extraction Technology Services Forecast by Region (2025-2030)

10.5.1 Egypt Market Direct Lithium Extraction Technology Services Forecast

10.5.2 South Africa Market Direct Lithium Extraction Technology Services Forecast

10.5.3 Israel Market Direct Lithium Extraction Technology Services Forecast

10.5.4 Turkey Market Direct Lithium Extraction Technology Services Forecast

10.6 Global Direct Lithium Extraction Technology Services Forecast by Type (2025-2030)

10.7 Global Direct Lithium Extraction Technology Services Forecast by Application (2025-2030)

10.7.1 GCC Countries Market Direct Lithium Extraction Technology Services Forecast

11 KEY PLAYERS ANALYSIS

11.1 Lilac Solutions

11.1.1 Lilac Solutions Company Information

11.1.2 Lilac Solutions Direct Lithium Extraction Technology Services Product Offered

11.1.3 Lilac Solutions Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.1.4 Lilac Solutions Main Business Overview

11.1.5 Lilac Solutions Latest Developments

11.2 Sunresin Inc.

11.2.1 Sunresin Inc. Company Information

11.2.2 Sunresin Inc. Direct Lithium Extraction Technology Services Product Offered

11.2.3 Sunresin Inc. Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.2.4 Sunresin Inc. Main Business Overview

11.2.5 Sunresin Inc. Latest Developments

11.3 Jiuwu Hi-tech

11.3.1 Jiuwu Hi-tech Company Information

11.3.2 Jiuwu Hi-tech Direct Lithium Extraction Technology Services Product Offered

11.3.3 Jiuwu Hi-tech Direct Lithium Extraction Technology Services Revenue, Gross

Margin and Market Share (2019-2024)

11.3.4 Jiuwu Hi-tech Main Business Overview

11.3.5 Jiuwu Hi-tech Latest Developments

11.4 TUS-MEMBRANE

11.4.1 TUS-MEMBRANE Company Information

11.4.2 TUS-MEMBRANE Direct Lithium Extraction Technology Services Product Offered

11.4.3 TUS-MEMBRANE Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.4.4 TUS-MEMBRANE Main Business Overview

11.4.5 TUS-MEMBRANE Latest Developments

11.5 Summit Nanotech

11.5.1 Summit Nanotech Company Information

11.5.2 Summit Nanotech Direct Lithium Extraction Technology Services Product Offered

11.5.3 Summit Nanotech Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.5.4 Summit Nanotech Main Business Overview

11.5.5 Summit Nanotech Latest Developments

11.6 EnergySource Minerals LLC

11.6.1 EnergySource Minerals LLC Company Information

11.6.2 EnergySource Minerals LLC Direct Lithium Extraction Technology Services Product Offered

11.6.3 EnergySource Minerals LLC Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.6.4 EnergySource Minerals LLC Main Business Overview

11.6.5 EnergySource Minerals LLC Latest Developments

11.7 E3 LITHIUM

11.7.1 E3 LITHIUM Company Information

11.7.2 E3 LITHIUM Direct Lithium Extraction Technology Services Product Offered

11.7.3 E3 LITHIUM Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

11.7.4 E3 LITHIUM Main Business Overview

11.7.5 E3 LITHIUM Latest Developments

11.8 SLB

11.8.1 SLB Company Information

11.8.2 SLB Direct Lithium Extraction Technology Services Product Offered

11.8.3 SLB Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)

- 11.8.4 SLB Main Business Overview
- 11.8.5 SLB Latest Developments
- 11.9 Energy Exploration Technologies
 - 11.9.1 Energy Exploration Technologies Company Information
 - 11.9.2 Energy Exploration Technologies Direct Lithium Extraction Technology Services Product Offered
 - 11.9.3 Energy Exploration Technologies Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)
 - 11.9.4 Energy Exploration Technologies Main Business Overview
 - 11.9.5 Energy Exploration Technologies Latest Developments
- 11.10 Standard Lithium
 - 11.10.1 Standard Lithium Company Information
 - 11.10.2 Standard Lithium Direct Lithium Extraction Technology Services Product Offered
 - 11.10.3 Standard Lithium Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)
 - 11.10.4 Standard Lithium Main Business Overview
 - 11.10.5 Standard Lithium Latest Developments
- 11.11 International Battery Metals Inc
 - 11.11.1 International Battery Metals Inc Company Information
 - 11.11.2 International Battery Metals Inc Direct Lithium Extraction Technology Services Product Offered
 - 11.11.3 International Battery Metals Inc Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)
 - 11.11.4 International Battery Metals Inc Main Business Overview
 - 11.11.5 International Battery Metals Inc Latest Developments
- 11.12 Xinjiang Tailixin Mining Co., Ltd.
 - 11.12.1 Xinjiang Tailixin Mining Co., Ltd. Company Information
 - 11.12.2 Xinjiang Tailixin Mining Co., Ltd. Direct Lithium Extraction Technology Services Product Offered
 - 11.12.3 Xinjiang Tailixin Mining Co., Ltd. Direct Lithium Extraction Technology Services Revenue, Gross Margin and Market Share (2019-2024)
 - 11.12.4 Xinjiang Tailixin Mining Co., Ltd. Main Business Overview
 - 11.12.5 Xinjiang Tailixin Mining Co., Ltd. Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Direct Lithium Extraction Technology Services Market Size CAGR by Region (2019 VS 2023 VS 2030) & (\$ millions)

Table 2. Direct Lithium Extraction Technology Services Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Sorbent Extraction

Table 4. Major Players of Ion Exchange

Table 5. Major Players of Solvent Extraction

Table 6. Direct Lithium Extraction Technology Services Market Size CAGR by Type (2019 VS 2023 VS 2030) & (\$ millions)

Table 7. Global Direct Lithium Extraction Technology Services Market Size by Type (2019-2024) & (\$ millions)

Table 8. Global Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)

Table 9. Direct Lithium Extraction Technology Services Market Size CAGR by Application (2019 VS 2023 VS 2030) & (\$ millions)

Table 10. Global Direct Lithium Extraction Technology Services Market Size by Application (2019-2024) & (\$ millions)

Table 11. Global Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

Table 12. Global Direct Lithium Extraction Technology Services Revenue by Player (2019-2024) & (\$ millions)

Table 13. Global Direct Lithium Extraction Technology Services Revenue Market Share by Player (2019-2024)

Table 14. Direct Lithium Extraction Technology Services Key Players Head office and Products Offered

Table 15. Direct Lithium Extraction Technology Services Concentration Ratio (CR3, CR5 and CR10) & (2022-2024)

Table 16. New Products and Potential Entrants

Table 17. Mergers & Acquisitions, Expansion

Table 18. Global Direct Lithium Extraction Technology Services Market Size by Region (2019-2024) & (\$ millions)

Table 19. Global Direct Lithium Extraction Technology Services Market Size Market Share by Region (2019-2024)

Table 20. Global Direct Lithium Extraction Technology Services Revenue by Country/Region (2019-2024) & (\$ millions)

Table 21. Global Direct Lithium Extraction Technology Services Revenue Market Share by Country/Region (2019-2024)

Table 22. Americas Direct Lithium Extraction Technology Services Market Size by Country (2019-2024) & (\$ millions)

Table 23. Americas Direct Lithium Extraction Technology Services Market Size Market Share by Country (2019-2024)

Table 24. Americas Direct Lithium Extraction Technology Services Market Size by Type (2019-2024) & (\$ millions)

Table 25. Americas Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)

Table 26. Americas Direct Lithium Extraction Technology Services Market Size by Application (2019-2024) & (\$ millions)

Table 27. Americas Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

Table 28. APAC Direct Lithium Extraction Technology Services Market Size by Region (2019-2024) & (\$ millions)

Table 29. APAC Direct Lithium Extraction Technology Services Market Size Market Share by Region (2019-2024)

Table 30. APAC Direct Lithium Extraction Technology Services Market Size by Type (2019-2024) & (\$ millions)

Table 31. APAC Direct Lithium Extraction Technology Services Market Size by Application (2019-2024) & (\$ millions)

Table 32. Europe Direct Lithium Extraction Technology Services Market Size by Country (2019-2024) & (\$ millions)

Table 33. Europe Direct Lithium Extraction Technology Services Market Size Market Share by Country (2019-2024)

Table 34. Europe Direct Lithium Extraction Technology Services Market Size by Type (2019-2024) & (\$ millions)

Table 35. Europe Direct Lithium Extraction Technology Services Market Size by Application (2019-2024) & (\$ millions)

Table 36. Middle East & Africa Direct Lithium Extraction Technology Services Market Size by Region (2019-2024) & (\$ millions)

Table 37. Middle East & Africa Direct Lithium Extraction Technology Services Market Size by Type (2019-2024) & (\$ millions)

Table 38. Middle East & Africa Direct Lithium Extraction Technology Services Market Size by Application (2019-2024) & (\$ millions)

Table 39. Key Market Drivers & Growth Opportunities of Direct Lithium Extraction Technology Services

Table 40. Key Market Challenges & Risks of Direct Lithium Extraction Technology

Services

Table 41. Key Industry Trends of Direct Lithium Extraction Technology Services

Table 42. Global Direct Lithium Extraction Technology Services Market Size Forecast by Region (2025-2030) & (\$ millions)

Table 43. Global Direct Lithium Extraction Technology Services Market Size Market Share Forecast by Region (2025-2030)

Table 44. Global Direct Lithium Extraction Technology Services Market Size Forecast by Type (2025-2030) & (\$ millions)

Table 45. Global Direct Lithium Extraction Technology Services Market Size Forecast by Application (2025-2030) & (\$ millions)

Table 46. Lilac Solutions Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 47. Lilac Solutions Direct Lithium Extraction Technology Services Product Offered

Table 48. Lilac Solutions Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 49. Lilac Solutions Main Business

Table 50. Lilac Solutions Latest Developments

Table 51. Sunresin Inc. Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 52. Sunresin Inc. Direct Lithium Extraction Technology Services Product Offered

Table 53. Sunresin Inc. Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 54. Sunresin Inc. Main Business

Table 55. Sunresin Inc. Latest Developments

Table 56. Jiuwu Hi-tech Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 57. Jiuwu Hi-tech Direct Lithium Extraction Technology Services Product Offered

Table 58. Jiuwu Hi-tech Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 59. Jiuwu Hi-tech Main Business

Table 60. Jiuwu Hi-tech Latest Developments

Table 61. TUS-MEMBRANE Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 62. TUS-MEMBRANE Direct Lithium Extraction Technology Services Product Offered

Table 63. TUS-MEMBRANE Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 64. TUS-MEMBRANE Main Business

Table 65. TUS-MEMBRANE Latest Developments

Table 66. Summit Nanotech Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 67. Summit Nanotech Direct Lithium Extraction Technology Services Product Offered

Table 68. Summit Nanotech Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 69. Summit Nanotech Main Business

Table 70. Summit Nanotech Latest Developments

Table 71. EnergySource Minerals LLC Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 72. EnergySource Minerals LLC Direct Lithium Extraction Technology Services Product Offered

Table 73. EnergySource Minerals LLC Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 74. EnergySource Minerals LLC Main Business

Table 75. EnergySource Minerals LLC Latest Developments

Table 76. E3 LITHIUM Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 77. E3 LITHIUM Direct Lithium Extraction Technology Services Product Offered

Table 78. E3 LITHIUM Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 79. E3 LITHIUM Main Business

Table 80. E3 LITHIUM Latest Developments

Table 81. SLB Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 82. SLB Direct Lithium Extraction Technology Services Product Offered

Table 83. SLB Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 84. SLB Main Business

Table 85. SLB Latest Developments

Table 86. Energy Exploration Technologies Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 87. Energy Exploration Technologies Direct Lithium Extraction Technology Services Product Offered

Table 88. Energy Exploration Technologies Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 89. Energy Exploration Technologies Main Business

Table 90. Energy Exploration Technologies Latest Developments

Table 91. Standard Lithium Details, Company Type, Direct Lithium Extraction

Technology Services Area Served and Its Competitors

Table 92. Standard Lithium Direct Lithium Extraction Technology Services Product Offered

Table 93. Standard Lithium Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 94. Standard Lithium Main Business

Table 95. Standard Lithium Latest Developments

Table 96. International Battery Metals Inc Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 97. International Battery Metals Inc Direct Lithium Extraction Technology Services Product Offered

Table 98. International Battery Metals Inc Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 99. International Battery Metals Inc Main Business

Table 100. International Battery Metals Inc Latest Developments

Table 101. Xinjiang Tailixin Mining Co., Ltd. Details, Company Type, Direct Lithium Extraction Technology Services Area Served and Its Competitors

Table 102. Xinjiang Tailixin Mining Co., Ltd. Direct Lithium Extraction Technology Services Product Offered

Table 103. Xinjiang Tailixin Mining Co., Ltd. Direct Lithium Extraction Technology Services Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 104. Xinjiang Tailixin Mining Co., Ltd. Main Business

Table 105. Xinjiang Tailixin Mining Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Direct Lithium Extraction Technology Services Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global Direct Lithium Extraction Technology Services Market Size Growth Rate 2019-2030 (\$ millions)

Figure 6. Direct Lithium Extraction Technology Services Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 7. Direct Lithium Extraction Technology Services Sales Market Share by Country/Region (2023)

Figure 8. Direct Lithium Extraction Technology Services Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 9. Global Direct Lithium Extraction Technology Services Market Size Market Share by Type in 2023

Figure 10. Direct Lithium Extraction Technology Services in Salt Lake Brine Extraction

Figure 11. Global Direct Lithium Extraction Technology Services Market: Salt Lake Brine Extraction (2019-2024) & (\$ millions)

Figure 12. Direct Lithium Extraction Technology Services in Deep Brine Extraction

Figure 13. Global Direct Lithium Extraction Technology Services Market: Deep Brine Extraction (2019-2024) & (\$ millions)

Figure 14. Global Direct Lithium Extraction Technology Services Market Size Market Share by Application in 2023

Figure 15. Global Direct Lithium Extraction Technology Services Revenue Market Share by Player in 2023

Figure 16. Global Direct Lithium Extraction Technology Services Market Size Market Share by Region (2019-2024)

Figure 17. Americas Direct Lithium Extraction Technology Services Market Size 2019-2024 (\$ millions)

Figure 18. APAC Direct Lithium Extraction Technology Services Market Size 2019-2024 (\$ millions)

Figure 19. Europe Direct Lithium Extraction Technology Services Market Size 2019-2024 (\$ millions)

Figure 20. Middle East & Africa Direct Lithium Extraction Technology Services Market Size 2019-2024 (\$ millions)

Figure 21. Americas Direct Lithium Extraction Technology Services Value Market Share

by Country in 2023

Figure 22. United States Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 23. Canada Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 24. Mexico Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 25. Brazil Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 26. APAC Direct Lithium Extraction Technology Services Market Size Market Share by Region in 2023

Figure 27. APAC Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)

Figure 28. APAC Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

Figure 29. China Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 30. Japan Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 31. South Korea Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 32. Southeast Asia Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 33. India Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 34. Australia Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 35. Europe Direct Lithium Extraction Technology Services Market Size Market Share by Country in 2023

Figure 36. Europe Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)

Figure 37. Europe Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

Figure 38. Germany Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 39. France Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 40. UK Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 41. Italy Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 42. Russia Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 43. Middle East & Africa Direct Lithium Extraction Technology Services Market Size Market Share by Region (2019-2024)

Figure 44. Middle East & Africa Direct Lithium Extraction Technology Services Market Size Market Share by Type (2019-2024)

Figure 45. Middle East & Africa Direct Lithium Extraction Technology Services Market Size Market Share by Application (2019-2024)

Figure 46. Egypt Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 47. South Africa Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 48. Israel Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 49. Turkey Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 50. GCC Countries Direct Lithium Extraction Technology Services Market Size Growth 2019-2024 (\$ millions)

Figure 51. Americas Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 52. APAC Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 53. Europe Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 54. Middle East & Africa Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 55. United States Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 56. Canada Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 57. Mexico Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 58. Brazil Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 59. China Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 60. Japan Direct Lithium Extraction Technology Services Market Size 2025-2030

(\$ millions)

Figure 61. Korea Direct Lithium Extraction Technology Services Market Size 2025-2030

(\$ millions)

Figure 62. Southeast Asia Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 63. India Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 64. Australia Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 65. Germany Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 66. France Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 67. UK Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 68. Italy Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 69. Russia Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 70. Egypt Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 71. South Africa Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 72. Israel Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 73. Turkey Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 74. GCC Countries Direct Lithium Extraction Technology Services Market Size 2025-2030 (\$ millions)

Figure 75. Global Direct Lithium Extraction Technology Services Market Size Market Share Forecast by Type (2025-2030)

Figure 76. Global Direct Lithium Extraction Technology Services Market Size Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Direct Lithium Extraction Technology Services Market Growth (Status and Outlook) 2024-2030

Product link: <https://marketpublishers.com/r/G2285DD4035DEN.html>

Price: US\$ 3,660.00 (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/G2285DD4035DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

