

Global Manganese Oxide Lithium-ion Battery Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Lithium manganese oxide batteries are also commonly called lithium manganate or lithium-ion manganese batteries and are sometimes referred to as li-manganese or manganese spinel. The technology for this type of battery was discovered in the 1980s, with the first publication on the subject appearing in the Materials Research Bulletin in 1983. The first commercial lithium-ion cells made with lithium manganese oxide as a cathode material were produced in 1996 by Moli Energy.

Lithium manganese oxide batteries are notable for their high temperature stability and are also safer than other lithium-ion battery types. For this reason, they are often used in medical equipment and devices, but they may also be used in power tools, electric bikes and more. It is also possible to use lithium manganese oxide batteries to power laptops and electric powertrain cars.

According to our (Global Info Research) latest study, the global Manganese Oxide Lithium-ion Battery market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Manganese Oxide Lithium-ion Battery market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market

share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Manganese Oxide Lithium-ion Battery market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Manganese Oxide Lithium-ion Battery market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Manganese Oxide Lithium-ion Battery market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Manganese Oxide Lithium-ion Battery market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Manganese Oxide Lithium-ion Battery

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Manganese Oxide Lithium-ion 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 Panasonic, Samsung SDI, LG Chem, CATL and ATL, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Manganese Oxide Lithium-ion Battery market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Aqueous

Organic Liquid

Polymer

Ceramic

Market segment by Application

Power & Utilities

EV Automotive

Industrial

Commercial & Residential

Consumer Electronics

Medical

eVTOL

Others

Major players covered

Panasonic

Samsung SDI

LG Chem

CATL

ATL

Murata

BYD

Tianjin Lishen Battery

BAK Power

Toshiba

AESC

Saft

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Manganese Oxide Lithium-ion Battery product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Manganese Oxide Lithium-ion Battery, with price, sales, revenue and global market share of Manganese Oxide Lithium-ion Battery from 2018 to 2023.

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

Chapter 4, the Manganese Oxide Lithium-ion Battery breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Manganese Oxide Lithium-ion Battery market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Manganese Oxide Lithium-ion Battery.

Chapter 14 and 15, to describe Manganese Oxide Lithium-ion Battery sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Manganese Oxide Lithium-ion Battery

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Manganese Oxide Lithium-ion Battery Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Aqueous

1.3.3 Organic Liquid

1.3.4 Polymer

1.3.5 Ceramic

1.4 Market Analysis by Application

1.4.1 Overview: Global Manganese Oxide Lithium-ion Battery Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Power & Utilities

1.4.3 EV Automotive

1.4.4 Industrial

1.4.5 Commercial & Residential

1.4.6 Consumer Electronics

1.4.7 Medical

1.4.8 eVTOL

1.4.9 Others

1.5 Global Manganese Oxide Lithium-ion Battery Market Size & Forecast

1.5.1 Global Manganese Oxide Lithium-ion Battery Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Manganese Oxide Lithium-ion Battery Sales Quantity (2018-2029)

1.5.3 Global Manganese Oxide Lithium-ion Battery Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Panasonic

2.1.1 Panasonic Details

2.1.2 Panasonic Major Business

2.1.3 Panasonic Manganese Oxide Lithium-ion Battery Product and Services

2.1.4 Panasonic Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Panasonic Recent Developments/Updates

2.2 Samsung SDI

2.2.1 Samsung SDI Details

2.2.2 Samsung SDI Major Business

2.2.3 Samsung SDI Manganese Oxide Lithium-ion Battery Product and Services

2.2.4 Samsung SDI Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Samsung SDI Recent Developments/Updates

2.3 LG Chem

2.3.1 LG Chem Details

2.3.2 LG Chem Major Business

2.3.3 LG Chem Manganese Oxide Lithium-ion Battery Product and Services

2.3.4 LG Chem Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 LG Chem Recent Developments/Updates

2.4 CATL

2.4.1 CATL Details

2.4.2 CATL Major Business

2.4.3 CATL Manganese Oxide Lithium-ion Battery Product and Services

2.4.4 CATL Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 CATL Recent Developments/Updates

2.5 ATL

2.5.1 ATL Details

2.5.2 ATL Major Business

2.5.3 ATL Manganese Oxide Lithium-ion Battery Product and Services

2.5.4 ATL Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 ATL Recent Developments/Updates

2.6 Murata

2.6.1 Murata Details

2.6.2 Murata Major Business

2.6.3 Murata Manganese Oxide Lithium-ion Battery Product and Services

2.6.4 Murata Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Murata Recent Developments/Updates

2.7 BYD

2.7.1 BYD Details

2.7.2 BYD Major Business

2.7.3 BYD Manganese Oxide Lithium-ion Battery Product and Services

2.7.4 BYD Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 BYD Recent Developments/Updates

2.8 Tianjin Lishen Battery

2.8.1 Tianjin Lishen Battery Details

2.8.2 Tianjin Lishen Battery Major Business

2.8.3 Tianjin Lishen Battery Manganese Oxide Lithium-ion Battery Product and Services

2.8.4 Tianjin Lishen Battery Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Tianjin Lishen Battery Recent Developments/Updates

2.9 BAK Power

2.9.1 BAK Power Details

2.9.2 BAK Power Major Business

2.9.3 BAK Power Manganese Oxide Lithium-ion Battery Product and Services

2.9.4 BAK Power Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 BAK Power Recent Developments/Updates

2.10 Toshiba

2.10.1 Toshiba Details

2.10.2 Toshiba Major Business

2.10.3 Toshiba Manganese Oxide Lithium-ion Battery Product and Services

2.10.4 Toshiba Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Toshiba Recent Developments/Updates

2.11 AESC

2.11.1 AESC Details

2.11.2 AESC Major Business

2.11.3 AESC Manganese Oxide Lithium-ion Battery Product and Services

2.11.4 AESC Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 AESC Recent Developments/Updates

2.12 Saft

2.12.1 Saft Details

2.12.2 Saft Major Business

2.12.3 Saft Manganese Oxide Lithium-ion Battery Product and Services

2.12.4 Saft Manganese Oxide Lithium-ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Saft Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: MANGANESE OXIDE LITHIUM-ION BATTERY BY MANUFACTURER

3.1 Global Manganese Oxide Lithium-ion Battery Sales Quantity by Manufacturer (2018-2023)

3.2 Global Manganese Oxide Lithium-ion Battery Revenue by Manufacturer (2018-2023)

3.3 Global Manganese Oxide Lithium-ion Battery Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Manganese Oxide Lithium-ion Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Manganese Oxide Lithium-ion Battery Manufacturer Market Share in 2022

3.4.2 Top 6 Manganese Oxide Lithium-ion Battery Manufacturer Market Share in 2022

3.5 Manganese Oxide Lithium-ion Battery Market: Overall Company Footprint Analysis

3.5.1 Manganese Oxide Lithium-ion Battery Market: Region Footprint

3.5.2 Manganese Oxide Lithium-ion Battery Market: Company Product Type Footprint

3.5.3 Manganese Oxide Lithium-ion Battery Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Manganese Oxide Lithium-ion Battery Market Size by Region

4.1.1 Global Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2018-2029)

4.1.2 Global Manganese Oxide Lithium-ion Battery Consumption Value by Region (2018-2029)

4.1.3 Global Manganese Oxide Lithium-ion Battery Average Price by Region (2018-2029)

4.2 North America Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029)

4.3 Europe Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029)

4.4 Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029)

4.5 South America Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029)

4.6 Middle East and Africa Manganese Oxide Lithium-ion Battery Consumption Value

(2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2029)

5.2 Global Manganese Oxide Lithium-ion Battery Consumption Value by Type
(2018-2029)

5.3 Global Manganese Oxide Lithium-ion Battery Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Manganese Oxide Lithium-ion Battery Sales Quantity by Application
(2018-2029)

6.2 Global Manganese Oxide Lithium-ion Battery Consumption Value by Application
(2018-2029)

6.3 Global Manganese Oxide Lithium-ion Battery Average Price by Application
(2018-2029)

7 NORTH AMERICA

7.1 North America Manganese Oxide Lithium-ion Battery Sales Quantity by Type
(2018-2029)

7.2 North America Manganese Oxide Lithium-ion Battery Sales Quantity by Application
(2018-2029)

7.3 North America Manganese Oxide Lithium-ion Battery Market Size by Country

7.3.1 North America Manganese Oxide Lithium-ion Battery Sales Quantity by Country
(2018-2029)

7.3.2 North America Manganese Oxide Lithium-ion Battery Consumption Value by
Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2029)

8.2 Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Application
(2018-2029)

8.3 Europe Manganese Oxide Lithium-ion Battery Market Size by Country

8.3.1 Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2029)

8.3.2 Europe Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Manganese Oxide Lithium-ion Battery Market Size by Region

9.3.1 Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2029)

10.2 South America Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2029)

10.3 South America Manganese Oxide Lithium-ion Battery Market Size by Country

10.3.1 South America Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2029)

10.3.2 South America Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Manganese Oxide Lithium-ion Battery Market Size by Country

11.3.1 Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Manganese Oxide Lithium-ion Battery Market Drivers

12.2 Manganese Oxide Lithium-ion Battery Market Restraints

12.3 Manganese Oxide Lithium-ion Battery Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Manganese Oxide Lithium-ion Battery and Key Manufacturers

13.2 Manufacturing Costs Percentage of Manganese Oxide Lithium-ion Battery

13.3 Manganese Oxide Lithium-ion Battery Production Process

13.4 Manganese Oxide Lithium-ion Battery Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Manganese Oxide Lithium-ion Battery Typical Distributors

14.3 Manganese Oxide Lithium-ion Battery Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Manganese Oxide Lithium-ion Battery Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Manganese Oxide Lithium-ion Battery Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Panasonic Basic Information, Manufacturing Base and Competitors

Table 4. Panasonic Major Business

Table 5. Panasonic Manganese Oxide Lithium-ion Battery Product and Services

Table 6. Panasonic Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Panasonic Recent Developments/Updates

Table 8. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 9. Samsung SDI Major Business

Table 10. Samsung SDI Manganese Oxide Lithium-ion Battery Product and Services

Table 11. Samsung SDI Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Samsung SDI Recent Developments/Updates

Table 13. LG Chem Basic Information, Manufacturing Base and Competitors

Table 14. LG Chem Major Business

Table 15. LG Chem Manganese Oxide Lithium-ion Battery Product and Services

Table 16. LG Chem Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. LG Chem Recent Developments/Updates

Table 18. CATL Basic Information, Manufacturing Base and Competitors

Table 19. CATL Major Business

Table 20. CATL Manganese Oxide Lithium-ion Battery Product and Services

Table 21. CATL Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. CATL Recent Developments/Updates

Table 23. ATL Basic Information, Manufacturing Base and Competitors

Table 24. ATL Major Business

Table 25. ATL Manganese Oxide Lithium-ion Battery Product and Services

Table 26. ATL Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. ATL Recent Developments/Updates

Table 28. Murata Basic Information, Manufacturing Base and Competitors

Table 29. Murata Major Business

Table 30. Murata Manganese Oxide Lithium-ion Battery Product and Services

Table 31. Murata Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Murata Recent Developments/Updates

Table 33. BYD Basic Information, Manufacturing Base and Competitors

Table 34. BYD Major Business

Table 35. BYD Manganese Oxide Lithium-ion Battery Product and Services

Table 36. BYD Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. BYD Recent Developments/Updates

Table 38. Tianjin Lishen Battery Basic Information, Manufacturing Base and Competitors

Table 39. Tianjin Lishen Battery Major Business

Table 40. Tianjin Lishen Battery Manganese Oxide Lithium-ion Battery Product and Services

Table 41. Tianjin Lishen Battery Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Tianjin Lishen Battery Recent Developments/Updates

Table 43. BAK Power Basic Information, Manufacturing Base and Competitors

Table 44. BAK Power Major Business

Table 45. BAK Power Manganese Oxide Lithium-ion Battery Product and Services

Table 46. BAK Power Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. BAK Power Recent Developments/Updates

Table 48. Toshiba Basic Information, Manufacturing Base and Competitors

Table 49. Toshiba Major Business

Table 50. Toshiba Manganese Oxide Lithium-ion Battery Product and Services

Table 51. Toshiba Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Toshiba Recent Developments/Updates

Table 53. AESC Basic Information, Manufacturing Base and Competitors

Table 54. AESC Major Business

Table 55. AESC Manganese Oxide Lithium-ion Battery Product and Services

Table 56. AESC Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. AESC Recent Developments/Updates

Table 58. Saft Basic Information, Manufacturing Base and Competitors

Table 59. Saft Major Business

Table 60. Saft Manganese Oxide Lithium-ion Battery Product and Services

Table 61. Saft Manganese Oxide Lithium-ion Battery Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Saft Recent Developments/Updates

Table 63. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 64. Global Manganese Oxide Lithium-ion Battery Revenue by Manufacturer (2018-2023) & (USD Million)

Table 65. Global Manganese Oxide Lithium-ion Battery Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 66. Market Position of Manufacturers in Manganese Oxide Lithium-ion Battery, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 67. Head Office and Manganese Oxide Lithium-ion Battery Production Site of Key Manufacturer

Table 68. Manganese Oxide Lithium-ion Battery Market: Company Product Type Footprint

Table 69. Manganese Oxide Lithium-ion Battery Market: Company Product Application Footprint

Table 70. Manganese Oxide Lithium-ion Battery New Market Entrants and Barriers to Market Entry

Table 71. Manganese Oxide Lithium-ion Battery Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2018-2023) & (K Units)

Table 73. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2024-2029) & (K Units)

Table 74. Global Manganese Oxide Lithium-ion Battery Consumption Value by Region (2018-2023) & (USD Million)

Table 75. Global Manganese Oxide Lithium-ion Battery Consumption Value by Region (2024-2029) & (USD Million)

Table 76. Global Manganese Oxide Lithium-ion Battery Average Price by Region (2018-2023) & (US\$/Unit)

Table 77. Global Manganese Oxide Lithium-ion Battery Average Price by Region (2024-2029) & (US\$/Unit)

Table 78. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 79. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 80. Global Manganese Oxide Lithium-ion Battery Consumption Value by Type (2018-2023) & (USD Million)

Table 81. Global Manganese Oxide Lithium-ion Battery Consumption Value by Type (2024-2029) & (USD Million)

Table 82. Global Manganese Oxide Lithium-ion Battery Average Price by Type (2018-2023) & (US\$/Unit)

Table 83. Global Manganese Oxide Lithium-ion Battery Average Price by Type (2024-2029) & (US\$/Unit)

Table 84. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 85. Global Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 86. Global Manganese Oxide Lithium-ion Battery Consumption Value by Application (2018-2023) & (USD Million)

Table 87. Global Manganese Oxide Lithium-ion Battery Consumption Value by Application (2024-2029) & (USD Million)

Table 88. Global Manganese Oxide Lithium-ion Battery Average Price by Application (2018-2023) & (US\$/Unit)

Table 89. Global Manganese Oxide Lithium-ion Battery Average Price by Application (2024-2029) & (US\$/Unit)

Table 90. North America Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 91. North America Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 92. North America Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 93. North America Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 94. North America Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2023) & (K Units)

Table 95. North America Manganese Oxide Lithium-ion Battery Sales Quantity by

Country (2024-2029) & (K Units)

Table 96. North America Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2023) & (USD Million)

Table 97. North America Manganese Oxide Lithium-ion Battery Consumption Value by Country (2024-2029) & (USD Million)

Table 98. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 101. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 102. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2023) & (K Units)

Table 103. Europe Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2024-2029) & (K Units)

Table 104. Europe Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2023) & (USD Million)

Table 105. Europe Manganese Oxide Lithium-ion Battery Consumption Value by Country (2024-2029) & (USD Million)

Table 106. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 107. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 108. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 109. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 110. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2018-2023) & (K Units)

Table 111. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2024-2029) & (K Units)

Table 112. Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value by Region (2018-2023) & (USD Million)

Table 113. Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value by Region (2024-2029) & (USD Million)

Table 114. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 115. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 116. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 117. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 118. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2018-2023) & (K Units)

Table 119. South America Manganese Oxide Lithium-ion Battery Sales Quantity by Country (2024-2029) & (K Units)

Table 120. South America Manganese Oxide Lithium-ion Battery Consumption Value by Country (2018-2023) & (USD Million)

Table 121. South America Manganese Oxide Lithium-ion Battery Consumption Value by Country (2024-2029) & (USD Million)

Table 122. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2018-2023) & (K Units)

Table 123. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Type (2024-2029) & (K Units)

Table 124. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2018-2023) & (K Units)

Table 125. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Application (2024-2029) & (K Units)

Table 126. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2018-2023) & (K Units)

Table 127. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity by Region (2024-2029) & (K Units)

Table 128. Middle East & Africa Manganese Oxide Lithium-ion Battery Consumption Value by Region (2018-2023) & (USD Million)

Table 129. Middle East & Africa Manganese Oxide Lithium-ion Battery Consumption Value by Region (2024-2029) & (USD Million)

Table 130. Manganese Oxide Lithium-ion Battery Raw Material

Table 131. Key Manufacturers of Manganese Oxide Lithium-ion Battery Raw Materials

Table 132. Manganese Oxide Lithium-ion Battery Typical Distributors

Table 133. Manganese Oxide Lithium-ion Battery Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Manganese Oxide Lithium-ion Battery Picture
- Figure 2. Global Manganese Oxide Lithium-ion Battery Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Type in 2022
- Figure 4. Aqueous Examples
- Figure 5. Organic Liquid Examples
- Figure 6. Polymer Examples
- Figure 7. Ceramic Examples
- Figure 8. Global Manganese Oxide Lithium-ion Battery Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 9. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Application in 2022
- Figure 10. Power & Utilities Examples
- Figure 11. EV Automotive Examples
- Figure 12. Industrial Examples
- Figure 13. Commercial & Residential Examples
- Figure 14. Consumer Electronics Examples
- Figure 15. Medical Examples
- Figure 16. eVTOL Examples
- Figure 17. Others Examples
- Figure 18. Global Manganese Oxide Lithium-ion Battery Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 19. Global Manganese Oxide Lithium-ion Battery Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 20. Global Manganese Oxide Lithium-ion Battery Sales Quantity (2018-2029) & (K Units)
- Figure 21. Global Manganese Oxide Lithium-ion Battery Average Price (2018-2029) & (US\$/Unit)
- Figure 22. Global Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Manufacturer in 2022
- Figure 23. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Manufacturer in 2022
- Figure 24. Producer Shipments of Manganese Oxide Lithium-ion Battery by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 25. Top 3 Manganese Oxide Lithium-ion Battery Manufacturer (Consumption Value) Market Share in 2022

Figure 26. Top 6 Manganese Oxide Lithium-ion Battery Manufacturer (Consumption Value) Market Share in 2022

Figure 27. Global Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Region (2018-2029)

Figure 28. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Region (2018-2029)

Figure 29. North America Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029) & (USD Million)

Figure 30. Europe Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029) & (USD Million)

Figure 31. Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029) & (USD Million)

Figure 32. South America Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029) & (USD Million)

Figure 33. Middle East & Africa Manganese Oxide Lithium-ion Battery Consumption Value (2018-2029) & (USD Million)

Figure 34. Global Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 35. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Type (2018-2029)

Figure 36. Global Manganese Oxide Lithium-ion Battery Average Price by Type (2018-2029) & (US\$/Unit)

Figure 37. Global Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 38. Global Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Application (2018-2029)

Figure 39. Global Manganese Oxide Lithium-ion Battery Average Price by Application (2018-2029) & (US\$/Unit)

Figure 40. North America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 41. North America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 42. North America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Country (2018-2029)

Figure 43. North America Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Country (2018-2029)

Figure 44. United States Manganese Oxide Lithium-ion Battery Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 45. Canada Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Mexico Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Europe Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 48. Europe Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 49. Europe Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Country (2018-2029)

Figure 50. Europe Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Country (2018-2029)

Figure 51. Germany Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. France Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. United Kingdom Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Russia Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Italy Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 57. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 58. Asia-Pacific Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Region (2018-2029)

Figure 59. Asia-Pacific Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Region (2018-2029)

Figure 60. China Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Japan Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Korea Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. India Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Southeast Asia Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Australia Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. South America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 67. South America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 68. South America Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Country (2018-2029)

Figure 69. South America Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Country (2018-2029)

Figure 70. Brazil Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Argentina Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Type (2018-2029)

Figure 73. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Application (2018-2029)

Figure 74. Middle East & Africa Manganese Oxide Lithium-ion Battery Sales Quantity Market Share by Region (2018-2029)

Figure 75. Middle East & Africa Manganese Oxide Lithium-ion Battery Consumption Value Market Share by Region (2018-2029)

Figure 76. Turkey Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Egypt Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Saudi Arabia Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 79. South Africa Manganese Oxide Lithium-ion Battery Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 80. Manganese Oxide Lithium-ion Battery Market Drivers

Figure 81. Manganese Oxide Lithium-ion Battery Market Restraints

Figure 82. Manganese Oxide Lithium-ion Battery Market Trends

Figure 83. Porters Five Forces Analysis

Figure 84. Manufacturing Cost Structure Analysis of Manganese Oxide Lithium-ion Battery in 2022

Figure 85. Manufacturing Process Analysis of Manganese Oxide Lithium-ion Battery

Figure 86. Manganese Oxide Lithium-ion Battery Industrial Chain

Figure 87. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 88. Direct Channel Pros & Cons

Figure 89. Indirect Channel Pros & Cons

Figure 90. Methodology

Figure 91. Research Process and Data Source

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