

Membrane Electrode Assembly Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/M56E4F7C367FEN.html>

Date: February 2022

Pages: 75

Price: US\$ 3,250.00 (Single User License)

ID: M56E4F7C367FEN

Abstracts

A membrane electrode assembly (MEA) is an assembled stack of proton exchange membranes (PEM) or alkali anion exchange membrane (AAEM), catalyst and flat plate electrode used in fuel cells and electrolyzers.

This report contains market size and forecasts of Membrane Electrode Assembly in global, including the following market information:

Global Membrane Electrode Assembly Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Membrane Electrode Assembly Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Membrane Electrode Assembly companies in 2021 (%)

The global Membrane Electrode Assembly market was valued at 467.6 million in 2021 and is projected to reach US\$ 1719 million by 2028, at a CAGR of 20.4% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

3-Layer Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Membrane Electrode Assembly include BASF, W.L. Gore&Associates, Johnson Matthey, 3M, WUTenergy, Ion Power, FuelCellStore, FuelCellsEtc and HIAT gGmbH, etc. In 2021, the global top five players have a share

approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Membrane Electrode Assembly manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Membrane Electrode Assembly Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Electrode Assembly Market Segment Percentages, by Type, 2021 (%)

3-Layer

5-Layer

7-Layer

Global Membrane Electrode Assembly Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Electrode Assembly Market Segment Percentages, by Application, 2021 (%)

Proton exchange membrane fuel cell

Others

Global Membrane Electrode Assembly Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Membrane Electrode Assembly Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Membrane Electrode Assembly revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Membrane Electrode Assembly revenues share in global market, 2021 (%)

Key companies Membrane Electrode Assembly sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Membrane Electrode Assembly sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

BASF

W.L. Gore&Associates

Johnson Matthey

3M

WUtenergy

Ion Power

FuelCellStore

FuelCellsEtc

HIAT gGmbH

Ion Power

Giner Inc.

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Membrane Electrode Assembly Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Membrane Electrode Assembly Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL MEMBRANE ELECTRODE ASSEMBLY OVERALL MARKET SIZE

- 2.1 Global Membrane Electrode Assembly Market Size: 2021 VS 2028
- 2.2 Global Membrane Electrode Assembly Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Membrane Electrode Assembly Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Membrane Electrode Assembly Players in Global Market
- 3.2 Top Global Membrane Electrode Assembly Companies Ranked by Revenue
- 3.3 Global Membrane Electrode Assembly Revenue by Companies
- 3.4 Global Membrane Electrode Assembly Sales by Companies
- 3.5 Global Membrane Electrode Assembly Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Membrane Electrode Assembly Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Membrane Electrode Assembly Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Membrane Electrode Assembly Players in Global Market
 - 3.8.1 List of Global Tier 1 Membrane Electrode Assembly Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Membrane Electrode Assembly Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

4.1.1 By Type - Global Membrane Electrode Assembly Market Size Markets, 2021 & 2028

4.1.2 3-Layer

4.1.3 5-Layer

4.1.4 7-Layer

4.2 By Type - Global Membrane Electrode Assembly Revenue & Forecasts

4.2.1 By Type - Global Membrane Electrode Assembly Revenue, 2017-2022

4.2.2 By Type - Global Membrane Electrode Assembly Revenue, 2023-2028

4.2.3 By Type - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028

4.3 By Type - Global Membrane Electrode Assembly Sales & Forecasts

4.3.1 By Type - Global Membrane Electrode Assembly Sales, 2017-2022

4.3.2 By Type - Global Membrane Electrode Assembly Sales, 2023-2028

4.3.3 By Type - Global Membrane Electrode Assembly Sales Market Share, 2017-2028

4.4 By Type - Global Membrane Electrode Assembly Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Membrane Electrode Assembly Market Size, 2021 & 2028

5.1.2 Proton exchange membrane fuel cell

5.1.3 Others

5.2 By Application - Global Membrane Electrode Assembly Revenue & Forecasts

5.2.1 By Application - Global Membrane Electrode Assembly Revenue, 2017-2022

5.2.2 By Application - Global Membrane Electrode Assembly Revenue, 2023-2028

5.2.3 By Application - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028

5.3 By Application - Global Membrane Electrode Assembly Sales & Forecasts

5.3.1 By Application - Global Membrane Electrode Assembly Sales, 2017-2022

5.3.2 By Application - Global Membrane Electrode Assembly Sales, 2023-2028

5.3.3 By Application - Global Membrane Electrode Assembly Sales Market Share, 2017-2028

5.4 By Application - Global Membrane Electrode Assembly Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Membrane Electrode Assembly Market Size, 2021 & 2028
- 6.2 By Region - Global Membrane Electrode Assembly Revenue & Forecasts
 - 6.2.1 By Region - Global Membrane Electrode Assembly Revenue, 2017-2022
 - 6.2.2 By Region - Global Membrane Electrode Assembly Revenue, 2023-2028
 - 6.2.3 By Region - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028
- 6.3 By Region - Global Membrane Electrode Assembly Sales & Forecasts
 - 6.3.1 By Region - Global Membrane Electrode Assembly Sales, 2017-2022
 - 6.3.2 By Region - Global Membrane Electrode Assembly Sales, 2023-2028
 - 6.3.3 By Region - Global Membrane Electrode Assembly Sales Market Share, 2017-2028
- 6.4 North America
 - 6.4.1 By Country - North America Membrane Electrode Assembly Revenue, 2017-2028
 - 6.4.2 By Country - North America Membrane Electrode Assembly Sales, 2017-2028
 - 6.4.3 US Membrane Electrode Assembly Market Size, 2017-2028
 - 6.4.4 Canada Membrane Electrode Assembly Market Size, 2017-2028
 - 6.4.5 Mexico Membrane Electrode Assembly Market Size, 2017-2028
- 6.5 Europe
 - 6.5.1 By Country - Europe Membrane Electrode Assembly Revenue, 2017-2028
 - 6.5.2 By Country - Europe Membrane Electrode Assembly Sales, 2017-2028
 - 6.5.3 Germany Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.4 France Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.5 U.K. Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.6 Italy Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.7 Russia Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.8 Nordic Countries Membrane Electrode Assembly Market Size, 2017-2028
 - 6.5.9 Benelux Membrane Electrode Assembly Market Size, 2017-2028
- 6.6 Asia
 - 6.6.1 By Region - Asia Membrane Electrode Assembly Revenue, 2017-2028
 - 6.6.2 By Region - Asia Membrane Electrode Assembly Sales, 2017-2028
 - 6.6.3 China Membrane Electrode Assembly Market Size, 2017-2028
 - 6.6.4 Japan Membrane Electrode Assembly Market Size, 2017-2028
 - 6.6.5 South Korea Membrane Electrode Assembly Market Size, 2017-2028
 - 6.6.6 Southeast Asia Membrane Electrode Assembly Market Size, 2017-2028
 - 6.6.7 India Membrane Electrode Assembly Market Size, 2017-2028
- 6.7 South America
 - 6.7.1 By Country - South America Membrane Electrode Assembly Revenue,

2017-2028

6.7.2 By Country - South America Membrane Electrode Assembly Sales, 2017-2028

6.7.3 Brazil Membrane Electrode Assembly Market Size, 2017-2028

6.7.4 Argentina Membrane Electrode Assembly Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Membrane Electrode Assembly Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Membrane Electrode Assembly Sales, 2017-2028

6.8.3 Turkey Membrane Electrode Assembly Market Size, 2017-2028

6.8.4 Israel Membrane Electrode Assembly Market Size, 2017-2028

6.8.5 Saudi Arabia Membrane Electrode Assembly Market Size, 2017-2028

6.8.6 UAE Membrane Electrode Assembly Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 BASF

7.1.1 BASF Corporate Summary

7.1.2 BASF Business Overview

7.1.3 BASF Membrane Electrode Assembly Major Product Offerings

7.1.4 BASF Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)

7.1.5 BASF Key News

7.2 W.L. Gore&Associates

7.2.1 W.L. Gore&Associates Corporate Summary

7.2.2 W.L. Gore&Associates Business Overview

7.2.3 W.L. Gore&Associates Membrane Electrode Assembly Major Product Offerings

7.2.4 W.L. Gore&Associates Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)

7.2.5 W.L. Gore&Associates Key News

7.3 Johnson Matthey

7.3.1 Johnson Matthey Corporate Summary

7.3.2 Johnson Matthey Business Overview

7.3.3 Johnson Matthey Membrane Electrode Assembly Major Product Offerings

7.3.4 Johnson Matthey Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)

7.3.5 Johnson Matthey Key News

7.4 3M

7.4.1 3M Corporate Summary

7.4.2 3M Business Overview

- 7.4.3 3M Membrane Electrode Assembly Major Product Offerings
- 7.4.4 3M Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
- 7.4.5 3M Key News
- 7.5 WUTenergy
 - 7.5.1 WUTenergy Corporate Summary
 - 7.5.2 WUTenergy Business Overview
 - 7.5.3 WUTenergy Membrane Electrode Assembly Major Product Offerings
 - 7.5.4 WUTenergy Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.5.5 WUTenergy Key News
- 7.6 Ion Power
 - 7.6.1 Ion Power Corporate Summary
 - 7.6.2 Ion Power Business Overview
 - 7.6.3 Ion Power Membrane Electrode Assembly Major Product Offerings
 - 7.6.4 Ion Power Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.6.5 Ion Power Key News
- 7.7 FuelCellStore
 - 7.7.1 FuelCellStore Corporate Summary
 - 7.7.2 FuelCellStore Business Overview
 - 7.7.3 FuelCellStore Membrane Electrode Assembly Major Product Offerings
 - 7.7.4 FuelCellStore Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.7.5 FuelCellStore Key News
- 7.8 FuelCellsEtc
 - 7.8.1 FuelCellsEtc Corporate Summary
 - 7.8.2 FuelCellsEtc Business Overview
 - 7.8.3 FuelCellsEtc Membrane Electrode Assembly Major Product Offerings
 - 7.8.4 FuelCellsEtc Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.8.5 FuelCellsEtc Key News
- 7.9 HIAT gGmbH
 - 7.9.1 HIAT gGmbH Corporate Summary
 - 7.9.2 HIAT gGmbH Business Overview
 - 7.9.3 HIAT gGmbH Membrane Electrode Assembly Major Product Offerings
 - 7.9.4 HIAT gGmbH Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.9.5 HIAT gGmbH Key News
- 7.10 Ion Power

- 7.10.1 Ion Power Corporate Summary
- 7.10.2 Ion Power Business Overview
- 7.10.3 Ion Power Membrane Electrode Assembly Major Product Offerings
- 7.10.4 Ion Power Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
- 7.10.5 Ion Power Key News
- 7.11 Giner Inc.
 - 7.11.1 Giner Inc. Corporate Summary
 - 7.11.2 Giner Inc. Membrane Electrode Assembly Business Overview
 - 7.11.3 Giner Inc. Membrane Electrode Assembly Major Product Offerings
 - 7.11.4 Giner Inc. Membrane Electrode Assembly Sales and Revenue in Global (2017-2022)
 - 7.11.5 Giner Inc. Key News

8 GLOBAL MEMBRANE ELECTRODE ASSEMBLY PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Membrane Electrode Assembly Production Capacity, 2017-2028
- 8.2 Membrane Electrode Assembly Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Membrane Electrode Assembly Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

10 MEMBRANE ELECTRODE ASSEMBLY SUPPLY CHAIN ANALYSIS

- 10.1 Membrane Electrode Assembly Industry Value Chain
- 10.2 Membrane Electrode Assembly Upstream Market
- 10.3 Membrane Electrode Assembly Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels
 - 10.4.2 Membrane Electrode Assembly Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Membrane Electrode Assembly in Global Market

Table 2. Top Membrane Electrode Assembly Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Membrane Electrode Assembly Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Membrane Electrode Assembly Revenue Share by Companies, 2017-2022

Table 5. Global Membrane Electrode Assembly Sales by Companies, (K Units), 2017-2022

Table 6. Global Membrane Electrode Assembly Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Membrane Electrode Assembly Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Membrane Electrode Assembly Product Type

Table 9. List of Global Tier 1 Membrane Electrode Assembly Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Membrane Electrode Assembly Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Membrane Electrode Assembly Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Membrane Electrode Assembly Sales (K Units), 2017-2022

Table 15. By Type - Global Membrane Electrode Assembly Sales (K Units), 2023-2028

Table 16. By Application – Global Membrane Electrode Assembly Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Membrane Electrode Assembly Sales (K Units), 2017-2022

Table 20. By Application - Global Membrane Electrode Assembly Sales (K Units), 2023-2028

Table 21. By Region – Global Membrane Electrode Assembly Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Membrane Electrode Assembly Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Membrane Electrode Assembly Sales (K Units), 2017-2022

Table 25. By Region - Global Membrane Electrode Assembly Sales (K Units), 2023-2028

Table 26. By Country - North America Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Membrane Electrode Assembly Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Membrane Electrode Assembly Sales, (K Units), 2017-2022

Table 29. By Country - North America Membrane Electrode Assembly Sales, (K Units), 2023-2028

Table 30. By Country - Europe Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Membrane Electrode Assembly Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Membrane Electrode Assembly Sales, (K Units), 2017-2022

Table 33. By Country - Europe Membrane Electrode Assembly Sales, (K Units), 2023-2028

Table 34. By Region - Asia Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Membrane Electrode Assembly Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Membrane Electrode Assembly Sales, (K Units), 2017-2022

Table 37. By Region - Asia Membrane Electrode Assembly Sales, (K Units), 2023-2028

Table 38. By Country - South America Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Membrane Electrode Assembly Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Membrane Electrode Assembly Sales, (K Units), 2017-2022

Table 41. By Country - South America Membrane Electrode Assembly Sales, (K Units),

2023-2028

Table 42. By Country - Middle East & Africa Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Membrane Electrode Assembly Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Membrane Electrode Assembly Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Membrane Electrode Assembly Sales, (K Units), 2023-2028

Table 46. BASF Corporate Summary

Table 47. BASF Membrane Electrode Assembly Product Offerings

Table 48. BASF Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. W.L. Gore&Associates Corporate Summary

Table 50. W.L. Gore&Associates Membrane Electrode Assembly Product Offerings

Table 51. W.L. Gore&Associates Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Johnson Matthey Corporate Summary

Table 53. Johnson Matthey Membrane Electrode Assembly Product Offerings

Table 54. Johnson Matthey Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. 3M Corporate Summary

Table 56. 3M Membrane Electrode Assembly Product Offerings

Table 57. 3M Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. WUTenergy Corporate Summary

Table 59. WUTenergy Membrane Electrode Assembly Product Offerings

Table 60. WUTenergy Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Ion Power Corporate Summary

Table 62. Ion Power Membrane Electrode Assembly Product Offerings

Table 63. Ion Power Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. FuelCellStore Corporate Summary

Table 65. FuelCellStore Membrane Electrode Assembly Product Offerings

Table 66. FuelCellStore Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. FuelCellsEtc Corporate Summary

Table 68. FuelCellsEtc Membrane Electrode Assembly Product Offerings

Table 69. FuelCellsEtc Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. HIAT gGmbH Corporate Summary

Table 71. HIAT gGmbH Membrane Electrode Assembly Product Offerings

Table 72. HIAT gGmbH Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Ion Power Corporate Summary

Table 74. Ion Power Membrane Electrode Assembly Product Offerings

Table 75. Ion Power Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Giner Inc. Corporate Summary

Table 77. Giner Inc. Membrane Electrode Assembly Product Offerings

Table 78. Giner Inc. Membrane Electrode Assembly Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. Membrane Electrode Assembly Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 80. Global Membrane Electrode Assembly Capacity Market Share of Key Manufacturers, 2020-2022

Table 81. Global Membrane Electrode Assembly Production by Region, 2017-2022 (K Units)

Table 82. Global Membrane Electrode Assembly Production by Region, 2023-2028 (K Units)

Table 83. Membrane Electrode Assembly Market Opportunities & Trends in Global Market

Table 84. Membrane Electrode Assembly Market Drivers in Global Market

Table 85. Membrane Electrode Assembly Market Restraints in Global Market

Table 86. Membrane Electrode Assembly Raw Materials

Table 87. Membrane Electrode Assembly Raw Materials Suppliers in Global Market

Table 88. Typical Membrane Electrode Assembly Downstream

Table 89. Membrane Electrode Assembly Downstream Clients in Global Market

Table 90. Membrane Electrode Assembly Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Membrane Electrode Assembly Segment by Type

Figure 2. Membrane Electrode Assembly Segment by Application

Figure 3. Global Membrane Electrode Assembly Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Membrane Electrode Assembly Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Membrane Electrode Assembly Revenue, 2017-2028 (US\$, Mn)

Figure 7. Membrane Electrode Assembly Sales in Global Market: 2017-2028 (K Units)

Figure 8. The Top 3 and 5 Players Market Share by Membrane Electrode Assembly Revenue in 2021

Figure 9. By Type - Global Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 10. By Type - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 11. By Type - Global Membrane Electrode Assembly Price (US\$/Unit), 2017-2028

Figure 12. By Application - Global Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 13. By Application - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 14. By Application - Global Membrane Electrode Assembly Price (US\$/Unit), 2017-2028

Figure 15. By Region - Global Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 16. By Region - Global Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 17. By Country - North America Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 18. By Country - North America Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 19. US Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Membrane Electrode Assembly Sales Market Share,

2017-2028

Figure 24. Germany Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 25. France Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 33. China Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 37. India Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 39. By Country - South America Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 40. Brazil Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Membrane Electrode Assembly Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Membrane Electrode Assembly Sales Market Share, 2017-2028

Figure 44. Turkey Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Membrane Electrode Assembly Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Membrane Electrode Assembly Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Membrane Electrode Assembly by Region, 2021 VS 2028

Figure 50. Membrane Electrode Assembly Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Membrane Electrode Assembly Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/M56E4F7C367FEN.html>

Price: US\$ 3,250.00 (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/M56E4F7C367FEN.html>