

Global Proton Exchange Membrane (PEM) Water Electrolysis Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Proton Exchange Membrane (PEM) Water Electrolysis market size was valued at US\$ million in 2023. With growing demand in downstream market, the Proton Exchange Membrane (PEM) Water Electrolysis is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Proton Exchange Membrane (PEM) Water Electrolysis market. Proton Exchange Membrane (PEM) Water Electrolysis are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Proton Exchange Membrane (PEM) Water Electrolysis. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Proton Exchange Membrane (PEM) Water Electrolysis market.

Key Features:

The report on Proton Exchange Membrane (PEM) Water Electrolysis market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Proton Exchange Membrane (PEM) Water Electrolysis market. It may include historical data, market segmentation by Type (e.g., Below 10MW Electrolyser,

Above 10MW Electrolyser), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Proton Exchange Membrane (PEM) Water Electrolysis market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Proton Exchange Membrane (PEM) Water Electrolysis market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Proton Exchange Membrane (PEM) Water Electrolysis industry. This include advancements in Proton Exchange Membrane (PEM) Water Electrolysis technology, Proton Exchange Membrane (PEM) Water Electrolysis new entrants, Proton Exchange Membrane (PEM) Water Electrolysis new investment, and other innovations that are shaping the future of Proton Exchange Membrane (PEM) Water Electrolysis.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Proton Exchange Membrane (PEM) Water Electrolysis market. It includes factors influencing customer ' purchasing decisions, preferences for Proton Exchange Membrane (PEM) Water Electrolysis product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Proton Exchange Membrane (PEM) Water Electrolysis market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Proton Exchange Membrane (PEM) Water Electrolysis market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Proton Exchange Membrane (PEM) Water Electrolysis market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research

report provide market forecasts and outlook for the Proton Exchange Membrane (PEM) Water Electrolysis industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Proton Exchange Membrane (PEM) Water Electrolysis market.

Market Segmentation:

Proton Exchange Membrane (PEM) Water Electrolysis market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Below 10MW Electrolyser

Above 10MW Electrolyser

Segmentation by application

Power Plants

Steel Plant

Electronics and Photovoltaics

Industrial Gases

Energy Storage or Fueling for FCEV's

Power to Gas

Others

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.

718th Research Institute of CSIC

Proton On-Site

Cummins

Suzhou Jingli

TianJin Mainland

Siemens

Toshiba

Elogen

ITM Power

Kobelco Eco-Solutions

H2B2

Elchemtech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Proton Exchange Membrane (PEM) Water Electrolysis market?

What factors are driving Proton Exchange Membrane (PEM) Water Electrolysis market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Proton Exchange Membrane (PEM) Water Electrolysis market opportunities vary by end market size?

How does Proton Exchange Membrane (PEM) Water Electrolysis break out type, application?

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 Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales 2019-2030

2.1.2 World Current & Future Analysis for Proton Exchange Membrane (PEM) Water Electrolysis by Geographic Region, 2019, 2023 & 2030

2.1.3 World Current & Future Analysis for Proton Exchange Membrane (PEM) Water Electrolysis by Country/Region, 2019, 2023 & 2030

2.2 Proton Exchange Membrane (PEM) Water Electrolysis Segment by Type

2.2.1 Below 10MW Electrolyser

2.2.2 Above 10MW Electrolyser

2.3 Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type

2.3.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

2.3.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue and Market Share by Type (2019-2024)

2.3.3 Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by Type (2019-2024)

2.4 Proton Exchange Membrane (PEM) Water Electrolysis Segment by Application

2.4.1 Power Plants

2.4.2 Steel Plant

2.4.3 Electronics and Photovoltaics

2.4.4 Industrial Gases

2.4.5 Energy Storage or Fueling for FCEV's

2.4.6 Power to Gas

2.4.7 Others

2.5 Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application

2.5.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Market Share by Application (2019-2024)

2.5.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue and Market Share by Application (2019-2024)

2.5.3 Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by Application (2019-2024)

3 GLOBAL PROTON EXCHANGE MEMBRANE (PEM) WATER ELECTROLYSIS BY COMPANY

3.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Breakdown Data by Company

3.1.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales by Company (2019-2024)

3.1.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Company (2019-2024)

3.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Revenue by Company (2019-2024)

3.2.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Company (2019-2024)

3.2.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Company (2019-2024)

3.3 Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by Company

3.4 Key Manufacturers Proton Exchange Membrane (PEM) Water Electrolysis Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Proton Exchange Membrane (PEM) Water Electrolysis Product Location Distribution

3.4.2 Players Proton Exchange Membrane (PEM) Water Electrolysis Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PROTON EXCHANGE MEMBRANE (PEM) WATER ELECTROLYSIS BY GEOGRAPHIC REGION

4.1 World Historic Proton Exchange Membrane (PEM) Water Electrolysis Market Size by Geographic Region (2019-2024)

4.1.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Proton Exchange Membrane (PEM) Water Electrolysis Market Size by Country/Region (2019-2024)

4.2.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales by Country/Region (2019-2024)

4.2.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Revenue by Country/Region (2019-2024)

4.3 Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Growth

4.4 APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Growth

4.5 Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Growth

4.6 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Growth

5 AMERICAS

5.1 Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country

5.1.1 Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024)

5.1.2 Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024)

5.2 Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type

5.3 Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Region

6.1.1 APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Region (2019-2024)

6.1.2 APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Region (2019-2024)

6.2 APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type

6.3 APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Proton Exchange Membrane (PEM) Water Electrolysis by Country

7.1.1 Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024)

7.1.2 Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024)

7.2 Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type

7.3 Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis by Country

8.1.1 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024)

8.1.2 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024)

8.2 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type

8.3 Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application

- 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 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Proton Exchange Membrane (PEM) Water Electrolysis
- 10.3 Manufacturing Process Analysis of Proton Exchange Membrane (PEM) Water Electrolysis
- 10.4 Industry Chain Structure of Proton Exchange Membrane (PEM) Water Electrolysis

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Proton Exchange Membrane (PEM) Water Electrolysis Distributors
- 11.3 Proton Exchange Membrane (PEM) Water Electrolysis Customer

12 WORLD FORECAST REVIEW FOR PROTON EXCHANGE MEMBRANE (PEM) WATER ELECTROLYSIS BY GEOGRAPHIC REGION

- 12.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Market Size Forecast by Region
 - 12.1.1 Global Proton Exchange Membrane (PEM) Water Electrolysis Forecast by Region (2025-2030)
 - 12.1.2 Global Proton Exchange Membrane (PEM) Water Electrolysis Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country

- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Proton Exchange Membrane (PEM) Water Electrolysis Forecast by Type
- 12.7 Global Proton Exchange Membrane (PEM) Water Electrolysis Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 718th Research Institute of CSIC

- 13.1.1 718th Research Institute of CSIC Company Information
- 13.1.2 718th Research Institute of CSIC Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
- 13.1.3 718th Research Institute of CSIC Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.1.4 718th Research Institute of CSIC Main Business Overview
- 13.1.5 718th Research Institute of CSIC Latest Developments

13.2 Proton On-Site

- 13.2.1 Proton On-Site Company Information
- 13.2.2 Proton On-Site Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
- 13.2.3 Proton On-Site Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.2.4 Proton On-Site Main Business Overview
- 13.2.5 Proton On-Site Latest Developments

13.3 Cummins

- 13.3.1 Cummins Company Information
- 13.3.2 Cummins Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
- 13.3.3 Cummins Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.3.4 Cummins Main Business Overview
- 13.3.5 Cummins Latest Developments

13.4 Suzhou Jingli

- 13.4.1 Suzhou Jingli Company Information
- 13.4.2 Suzhou Jingli Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
- 13.4.3 Suzhou Jingli Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.4.4 Suzhou Jingli Main Business Overview
- 13.4.5 Suzhou Jingli Latest Developments
- 13.5 TianJin Mainland
 - 13.5.1 TianJin Mainland Company Information
 - 13.5.2 TianJin Mainland Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
 - 13.5.3 TianJin Mainland Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 TianJin Mainland Main Business Overview
 - 13.5.5 TianJin Mainland Latest Developments
- 13.6 Siemens
 - 13.6.1 Siemens Company Information
 - 13.6.2 Siemens Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
 - 13.6.3 Siemens Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 Siemens Main Business Overview
 - 13.6.5 Siemens Latest Developments
- 13.7 Toshiba
 - 13.7.1 Toshiba Company Information
 - 13.7.2 Toshiba Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
 - 13.7.3 Toshiba Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.7.4 Toshiba Main Business Overview
 - 13.7.5 Toshiba Latest Developments
- 13.8 Elogen
 - 13.8.1 Elogen Company Information
 - 13.8.2 Elogen Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
 - 13.8.3 Elogen Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 Elogen Main Business Overview
 - 13.8.5 Elogen Latest Developments
- 13.9 ITM Power
 - 13.9.1 ITM Power Company Information
 - 13.9.2 ITM Power Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
 - 13.9.3 ITM Power Proton Exchange Membrane (PEM) Water Electrolysis Sales,

Revenue, Price and Gross Margin (2019-2024)

13.9.4 ITM Power Main Business Overview

13.9.5 ITM Power Latest Developments

13.10 Kobelco Eco-Solutions

13.10.1 Kobelco Eco-Solutions Company Information

13.10.2 Kobelco Eco-Solutions Proton Exchange Membrane (PEM) Water Electrolysis

Product Portfolios and Specifications

13.10.3 Kobelco Eco-Solutions Proton Exchange Membrane (PEM) Water Electrolysis

Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Kobelco Eco-Solutions Main Business Overview

13.10.5 Kobelco Eco-Solutions Latest Developments

13.11 H2B2

13.11.1 H2B2 Company Information

13.11.2 H2B2 Proton Exchange Membrane (PEM) Water Electrolysis Product

Portfolios and Specifications

13.11.3 H2B2 Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 H2B2 Main Business Overview

13.11.5 H2B2 Latest Developments

13.12 Elchemtech

13.12.1 Elchemtech Company Information

13.12.2 Elchemtech Proton Exchange Membrane (PEM) Water Electrolysis Product

Portfolios and Specifications

13.12.3 Elchemtech Proton Exchange Membrane (PEM) Water Electrolysis Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Elchemtech Main Business Overview

13.12.5 Elchemtech Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Proton Exchange Membrane (PEM) Water Electrolysis Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Below 10MW Electrolyser

Table 4. Major Players of Above 10MW Electrolyser

Table 5. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type (2019-2024) & (K Units)

Table 6. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

Table 7. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Type (2019-2024)

Table 9. Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application (2019-2024) & (K Units)

Table 11. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2019-2024)

Table 12. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Application (2019-2024)

Table 13. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Application (2019-2024)

Table 14. Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales by Company (2019-2024) & (K Units)

Table 16. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Company (2019-2024)

Table 17. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Company (2019-2024)

Table 19. Global Proton Exchange Membrane (PEM) Water Electrolysis Sale Price by

Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Proton Exchange Membrane (PEM) Water Electrolysis Producing Area Distribution and Sales Area

Table 21. Players Proton Exchange Membrane (PEM) Water Electrolysis Products Offered

Table 22. Proton Exchange Membrane (PEM) Water Electrolysis Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share Geographic Region (2019-2024)

Table 27. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country/Region (2019-2024)

Table 31. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024) & (K Units)

Table 34. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country (2019-2024)

Table 35. Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country (2019-2024)

Table 37. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type (2019-2024) & (K Units)

Table 38. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application (2019-2024) & (K Units)

Table 39. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Region (2019-2024) & (K Units)

Table 40. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Region (2019-2024)

Table 41. APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Region (2019-2024)

Table 43. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type (2019-2024) & (K Units)

Table 44. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application (2019-2024) & (K Units)

Table 45. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024) & (K Units)

Table 46. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country (2019-2024)

Table 47. Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country (2019-2024)

Table 49. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type (2019-2024) & (K Units)

Table 50. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Proton Exchange Membrane (PEM) Water Electrolysis

Table 58. Key Market Challenges & Risks of Proton Exchange Membrane (PEM) Water Electrolysis

Table 59. Key Industry Trends of Proton Exchange Membrane (PEM) Water Electrolysis

Table 60. Proton Exchange Membrane (PEM) Water Electrolysis Raw Material
Table 61. Key Suppliers of Raw Materials
Table 62. Proton Exchange Membrane (PEM) Water Electrolysis Distributors List
Table 63. Proton Exchange Membrane (PEM) Water Electrolysis Customer List
Table 64. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Region (2025-2030) & (K Units)
Table 65. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Region (2025-2030) & (\$ millions)
Table 66. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Country (2025-2030) & (K Units)
Table 67. Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 68. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Region (2025-2030) & (K Units)
Table 69. APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Region (2025-2030) & (\$ millions)
Table 70. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Country (2025-2030) & (K Units)
Table 71. Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 72. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Country (2025-2030) & (K Units)
Table 73. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 74. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Type (2025-2030) & (K Units)
Table 75. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Type (2025-2030) & (\$ Millions)
Table 76. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Forecast by Application (2025-2030) & (K Units)
Table 77. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Forecast by Application (2025-2030) & (\$ Millions)
Table 78. 718th Research Institute of CSIC Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors
Table 79. 718th Research Institute of CSIC Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications
Table 80. 718th Research Institute of CSIC Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin

(2019-2024)

Table 81. 718th Research Institute of CSIC Main Business

Table 82. 718th Research Institute of CSIC Latest Developments

Table 83. Proton On-Site Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 84. Proton On-Site Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 85. Proton On-Site Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 86. Proton On-Site Main Business

Table 87. Proton On-Site Latest Developments

Table 88. Cummins Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 89. Cummins Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 90. Cummins Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 91. Cummins Main Business

Table 92. Cummins Latest Developments

Table 93. Suzhou Jingli Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 94. Suzhou Jingli Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 95. Suzhou Jingli Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 96. Suzhou Jingli Main Business

Table 97. Suzhou Jingli Latest Developments

Table 98. TianJin Mainland Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 99. TianJin Mainland Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 100. TianJin Mainland Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 101. TianJin Mainland Main Business

Table 102. TianJin Mainland Latest Developments

Table 103. Siemens Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 104. Siemens Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 105. Siemens Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 106. Siemens Main Business

Table 107. Siemens Latest Developments

Table 108. Toshiba Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 109. Toshiba Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 110. Toshiba Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 111. Toshiba Main Business

Table 112. Toshiba Latest Developments

Table 113. Elogen Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 114. Elogen Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 115. Elogen Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 116. Elogen Main Business

Table 117. Elogen Latest Developments

Table 118. ITM Power Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 119. ITM Power Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 120. ITM Power Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 121. ITM Power Main Business

Table 122. ITM Power Latest Developments

Table 123. Kobelco Eco-Solutions Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 124. Kobelco Eco-Solutions Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 125. Kobelco Eco-Solutions Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 126. Kobelco Eco-Solutions Main Business

Table 127. Kobelco Eco-Solutions Latest Developments

Table 128. H2B2 Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 129. H2B2 Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 130. H2B2 Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 131. H2B2 Main Business

Table 132. H2B2 Latest Developments

Table 133. Elchemtech Basic Information, Proton Exchange Membrane (PEM) Water Electrolysis Manufacturing Base, Sales Area and Its Competitors

Table 134. Elchemtech Proton Exchange Membrane (PEM) Water Electrolysis Product Portfolios and Specifications

Table 135. Elchemtech Proton Exchange Membrane (PEM) Water Electrolysis Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 136. Elchemtech Main Business

Table 137. Elchemtech Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Proton Exchange Membrane (PEM) Water Electrolysis

Figure 2. Proton Exchange Membrane (PEM) Water Electrolysis Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. Proton Exchange Membrane (PEM) Water Electrolysis Sales by Region (2019, 2023 & 2030) & (\$ Millions)

Figure 9. Product Picture of Below 10MW Electrolyser

Figure 10. Product Picture of Above 10MW Electrolyser

Figure 11. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type in 2023

Figure 12. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Type (2019-2024)

Figure 13. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Power Plants

Figure 14. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Power Plants (2019-2024) & (K Units)

Figure 15. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Steel Plant

Figure 16. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Steel Plant (2019-2024) & (K Units)

Figure 17. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Electronics and Photovoltaics

Figure 18. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Electronics and Photovoltaics (2019-2024) & (K Units)

Figure 19. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Industrial Gases

Figure 20. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Industrial Gases (2019-2024) & (K Units)

Figure 21. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Energy

Storage or Fueling for FCEV's

Figure 22. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Energy Storage or Fueling for FCEV's (2019-2024) & (K Units)

Figure 23. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Power to Gas

Figure 24. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Power to Gas (2019-2024) & (K Units)

Figure 25. Proton Exchange Membrane (PEM) Water Electrolysis Consumed in Others

Figure 26. Global Proton Exchange Membrane (PEM) Water Electrolysis Market: Others (2019-2024) & (K Units)

Figure 27. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2023)

Figure 28. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Application in 2023

Figure 29. Proton Exchange Membrane (PEM) Water Electrolysis Sales Market by Company in 2023 (K Units)

Figure 30. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Company in 2023

Figure 31. Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market by Company in 2023 (\$ Million)

Figure 32. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Company in 2023

Figure 33. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Geographic Region (2019-2024)

Figure 34. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Geographic Region in 2023

Figure 35. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales 2019-2024 (K Units)

Figure 36. Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue 2019-2024 (\$ Millions)

Figure 37. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales 2019-2024 (K Units)

Figure 38. APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue 2019-2024 (\$ Millions)

Figure 39. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales 2019-2024 (K Units)

Figure 40. Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue 2019-2024 (\$ Millions)

Figure 41. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis

Sales 2019-2024 (K Units)

Figure 42. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue 2019-2024 (\$ Millions)

Figure 43. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country in 2023

Figure 44. Americas Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country in 2023

Figure 45. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

Figure 46. Americas Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2019-2024)

Figure 47. United States Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 48. Canada Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 49. Mexico Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 50. Brazil Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 51. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Region in 2023

Figure 52. APAC Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Regions in 2023

Figure 53. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

Figure 54. APAC Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2019-2024)

Figure 55. China Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Japan Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 57. South Korea Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Southeast Asia Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 59. India Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Australia Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 61. China Taiwan Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country in 2023

Figure 63. Europe Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country in 2023

Figure 64. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

Figure 65. Europe Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2019-2024)

Figure 66. Germany Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 67. France Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 68. UK Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 69. Italy Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Russia Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Country in 2023

Figure 72. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share by Country in 2023

Figure 73. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Type (2019-2024)

Figure 74. Middle East & Africa Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share by Application (2019-2024)

Figure 75. Egypt Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 76. South Africa Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 77. Israel Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 78. Turkey Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 79. GCC Country Proton Exchange Membrane (PEM) Water Electrolysis Revenue Growth 2019-2024 (\$ Millions)

Figure 80. Manufacturing Cost Structure Analysis of Proton Exchange Membrane

(PEM) Water Electrolysis in 2023

Figure 81. Manufacturing Process Analysis of Proton Exchange Membrane (PEM) Water Electrolysis

Figure 82. Industry Chain Structure of Proton Exchange Membrane (PEM) Water Electrolysis

Figure 83. Channels of Distribution

Figure 84. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Forecast by Region (2025-2030)

Figure 85. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share Forecast by Region (2025-2030)

Figure 86. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share Forecast by Type (2025-2030)

Figure 87. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share Forecast by Type (2025-2030)

Figure 88. Global Proton Exchange Membrane (PEM) Water Electrolysis Sales Market Share Forecast by Application (2025-2030)

Figure 89. Global Proton Exchange Membrane (PEM) Water Electrolysis Revenue Market Share Forecast by Application (2025-2030)

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