

PEM Electrolyzer for Hydrogen Production Market, Global Outlook and Forecast 2022-2028

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Abstracts

Proton exchange membrane (PEM) electrolysis is the electrolysis of water in a cell equipped with a solid polymer electrolyte (SPE) that is responsible for the conduction of protons, separation of product gases, and electrical insulation of the electrodes. The PEM electrolyzer was introduced to overcome the issues of partial load, low current density, and low pressure operation currently plaguing the alkaline electrolyzer.

This report contains market size and forecasts of PEM Electrolyzer for Hydrogen Production in global, including the following market information:

Global PEM Electrolyzer for Hydrogen Production Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global PEM Electrolyzer for Hydrogen Production Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five PEM Electrolyzer for Hydrogen Production companies in 2021 (%)

The global PEM Electrolyzer for Hydrogen Production market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

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

Small Scale Type Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of PEM Electrolyzer for Hydrogen Production include Proton On-Site, ITM Power, Siemens, Toshiba, Elchemtech, Cummins, Elogen, McPhy and H2B2, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the PEM Electrolyzer for Hydrogen Production 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 PEM Electrolyzer for Hydrogen Production Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global PEM Electrolyzer for Hydrogen Production Market Segment Percentages, by Type, 2021 (%)

Small Scale Type

Middle Scale Type

Large Scale Type

Global PEM Electrolyzer for Hydrogen Production Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global PEM Electrolyzer for Hydrogen Production Market Segment Percentages, by Application, 2021 (%)

Power Plants

Steel Plant

Electronics & Photovoltaics

Petrochemical

Energy Storage

Others

Global PEM Electrolyzer for Hydrogen Production Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global PEM Electrolyzer for Hydrogen Production 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 PEM Electrolyzer for Hydrogen Production revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies PEM Electrolyzer for Hydrogen Production revenues share in global market, 2021 (%)

Key companies PEM Electrolyzer for Hydrogen Production sales in global market, 2017-2022 (Estimated), (K Units)

Key companies PEM Electrolyzer for Hydrogen Production sales share in global market, 2021 (%)

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

Proton On-Site

ITM Power

Siemens

Toshiba

Elchemtech

Cummins

Elogen

McPhy

H2B2

Areva H2gen

Teledyne Energy Systems

Shandong Saksay Hydrogen Energy

DONGYUE FUTURE HYDROGEN

Suzhou Thinkre New Material

Zhongchuan Heavy Industry No.718 Institute

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 PEM Electrolyzer for Hydrogen Production Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global PEM Electrolyzer for Hydrogen Production 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 PEM ELECTROLYZER FOR HYDROGEN PRODUCTION OVERALL MARKET SIZE

- 2.1 Global PEM Electrolyzer for Hydrogen Production Market Size: 2021 VS 2028
- 2.2 Global PEM Electrolyzer for Hydrogen Production Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global PEM Electrolyzer for Hydrogen Production Sales: 2017-2028

3 COMPANY LANDSCAPE

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

3.8.2 List of Global Tier 2 and Tier 3 PEM Electrolyzer for Hydrogen Production Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global PEM Electrolyzer for Hydrogen Production Market Size Markets, 2021 & 2028

4.1.2 Small Scale Type

4.1.3 Middle Scale Type

4.1.4 Large Scale Type

4.2 By Type - Global PEM Electrolyzer for Hydrogen Production Revenue & Forecasts

4.2.1 By Type - Global PEM Electrolyzer for Hydrogen Production Revenue, 2017-2022

4.2.2 By Type - Global PEM Electrolyzer for Hydrogen Production Revenue, 2023-2028

4.2.3 By Type - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

4.3 By Type - Global PEM Electrolyzer for Hydrogen Production Sales & Forecasts

4.3.1 By Type - Global PEM Electrolyzer for Hydrogen Production Sales, 2017-2022

4.3.2 By Type - Global PEM Electrolyzer for Hydrogen Production Sales, 2023-2028

4.3.3 By Type - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

4.4 By Type - Global PEM Electrolyzer for Hydrogen Production Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global PEM Electrolyzer for Hydrogen Production Market Size, 2021 & 2028

5.1.2 Power Plants

5.1.3 Steel Plant

5.1.4 Electronics & Photovoltaics

5.1.5 Petrochemical

5.1.6 Energy Storage

5.1.7 Others

5.2 By Application - Global PEM Electrolyzer for Hydrogen Production Revenue & Forecasts

5.2.1 By Application - Global PEM Electrolyzer for Hydrogen Production Revenue, 2017-2022

5.2.2 By Application - Global PEM Electrolyzer for Hydrogen Production Revenue, 2023-2028

5.2.3 By Application - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

5.3 By Application - Global PEM Electrolyzer for Hydrogen Production Sales & Forecasts

5.3.1 By Application - Global PEM Electrolyzer for Hydrogen Production Sales, 2017-2022

5.3.2 By Application - Global PEM Electrolyzer for Hydrogen Production Sales, 2023-2028

5.3.3 By Application - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

5.4 By Application - Global PEM Electrolyzer for Hydrogen Production Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global PEM Electrolyzer for Hydrogen Production Market Size, 2021 & 2028

6.2 By Region - Global PEM Electrolyzer for Hydrogen Production Revenue & Forecasts

6.2.1 By Region - Global PEM Electrolyzer for Hydrogen Production Revenue, 2017-2022

6.2.2 By Region - Global PEM Electrolyzer for Hydrogen Production Revenue, 2023-2028

6.2.3 By Region - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

6.3 By Region - Global PEM Electrolyzer for Hydrogen Production Sales & Forecasts

6.3.1 By Region - Global PEM Electrolyzer for Hydrogen Production Sales, 2017-2022

6.3.2 By Region - Global PEM Electrolyzer for Hydrogen Production Sales, 2023-2028

6.3.3 By Region - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028

6.4.2 By Country - North America PEM Electrolyzer for Hydrogen Production Sales, 2017-2028

6.4.3 US PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.4.4 Canada PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.4.5 Mexico PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028

6.5.2 By Country - Europe PEM Electrolyzer for Hydrogen Production Sales, 2017-2028

6.5.3 Germany PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.4 France PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.5 U.K. PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.6 Italy PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.7 Russia PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.8 Nordic Countries PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.5.9 Benelux PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028

6.6.2 By Region - Asia PEM Electrolyzer for Hydrogen Production Sales, 2017-2028

6.6.3 China PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.6.4 Japan PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.6.5 South Korea PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.6.6 Southeast Asia PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.6.7 India PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028

6.7.2 By Country - South America PEM Electrolyzer for Hydrogen Production Sales, 2017-2028

6.7.3 Brazil PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.7.4 Argentina PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Sales, 2017-2028

6.8.3 Turkey PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.8.4 Israel PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.8.5 Saudi Arabia PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

6.8.6 UAE PEM Electrolyzer for Hydrogen Production Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Proton On-Site

7.1.1 Proton On-Site Corporate Summary

7.1.2 Proton On-Site Business Overview

7.1.3 Proton On-Site PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.1.4 Proton On-Site PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.1.5 Proton On-Site Key News

7.2 ITM Power

7.2.1 ITM Power Corporate Summary

7.2.2 ITM Power Business Overview

7.2.3 ITM Power PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.2.4 ITM Power PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.2.5 ITM Power Key News

7.3 Siemens

7.3.1 Siemens Corporate Summary

7.3.2 Siemens Business Overview

7.3.3 Siemens PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.3.4 Siemens PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.3.5 Siemens Key News

7.4 Toshiba

7.4.1 Toshiba Corporate Summary

7.4.2 Toshiba Business Overview

7.4.3 Toshiba PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.4.4 Toshiba PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.4.5 Toshiba Key News

7.5 Elchemtech

7.5.1 Elchemtech Corporate Summary

7.5.2 Elchemtech Business Overview

7.5.3 Elchemtech PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.5.4 Elchemtech PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.5.5 Elchemtech Key News

7.6 Cummins

7.6.1 Cummins Corporate Summary

7.6.2 Cummins Business Overview

7.6.3 Cummins PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.6.4 Cummins PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.6.5 Cummins Key News

7.7 Elogen

7.7.1 Elogen Corporate Summary

7.7.2 Elogen Business Overview

7.7.3 Elogen PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.7.4 Elogen PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.7.5 Elogen Key News

7.8 McPhy

7.8.1 McPhy Corporate Summary

7.8.2 McPhy Business Overview

7.8.3 McPhy PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.8.4 McPhy PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.8.5 McPhy Key News

7.9 H2B2

7.9.1 H2B2 Corporate Summary

7.9.2 H2B2 Business Overview

7.9.3 H2B2 PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.9.4 H2B2 PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.9.5 H2B2 Key News

7.10 Areva H2gen

7.10.1 Areva H2gen Corporate Summary

7.10.2 Areva H2gen Business Overview

7.10.3 Areva H2gen PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.10.4 Areva H2gen PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.10.5 Areva H2gen Key News

7.11 Teledyne Energy Systems

7.11.1 Teledyne Energy Systems Corporate Summary

7.11.2 Teledyne Energy Systems PEM Electrolyzer for Hydrogen Production Business Overview

7.11.3 Teledyne Energy Systems PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.11.4 Teledyne Energy Systems PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.11.5 Teledyne Energy Systems Key News

7.12 Shandong Saksay Hydrogen Energy

7.12.1 Shandong Saksay Hydrogen Energy Corporate Summary

7.12.2 Shandong Saksay Hydrogen Energy PEM Electrolyzer for Hydrogen Production Business Overview

7.12.3 Shandong Saksay Hydrogen Energy PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.12.4 Shandong Saksay Hydrogen Energy PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.12.5 Shandong Saksay Hydrogen Energy Key News

7.13 DONGYUE FUTURE HYDROGEN

7.13.1 DONGYUE FUTURE HYDROGEN Corporate Summary

7.13.2 DONGYUE FUTURE HYDROGEN PEM Electrolyzer for Hydrogen Production Business Overview

7.13.3 DONGYUE FUTURE HYDROGEN PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.13.4 DONGYUE FUTURE HYDROGEN PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.13.5 DONGYUE FUTURE HYDROGEN Key News

7.14 Suzhou Thinkre New Material

7.14.1 Suzhou Thinkre New Material Corporate Summary

7.14.2 Suzhou Thinkre New Material Business Overview

7.14.3 Suzhou Thinkre New Material PEM Electrolyzer for Hydrogen Production Major Product Offerings

7.14.4 Suzhou Thinkre New Material PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.14.5 Suzhou Thinkre New Material Key News

7.15 Zhongchuan Heavy Industry No.718 Institute

7.15.1 Zhongchuan Heavy Industry No.718 Institute Corporate Summary

7.15.2 Zhongchuan Heavy Industry No.718 Institute Business Overview

7.15.3 Zhongchuan Heavy Industry No.718 Institute PEM Electrolyzer for Hydrogen

Production Major Product Offerings

7.15.4 Zhongchuan Heavy Industry No.718 Institute PEM Electrolyzer for Hydrogen Production Sales and Revenue in Global (2017-2022)

7.15.5 Zhongchuan Heavy Industry No.718 Institute Key News

8 GLOBAL PEM ELECTROLYZER FOR HYDROGEN PRODUCTION PRODUCTION CAPACITY, ANALYSIS

8.1 Global PEM Electrolyzer for Hydrogen Production Production Capacity, 2017-2028

8.2 PEM Electrolyzer for Hydrogen Production Production Capacity of Key Manufacturers in Global Market

8.3 Global PEM Electrolyzer for Hydrogen Production 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 PEM ELECTROLYZER FOR HYDROGEN PRODUCTION SUPPLY CHAIN ANALYSIS

10.1 PEM Electrolyzer for Hydrogen Production Industry Value Chain

10.2 PEM Electrolyzer for Hydrogen Production Upstream Market

10.3 PEM Electrolyzer for Hydrogen Production Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 PEM Electrolyzer for Hydrogen Production 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 PEM Electrolyzer for Hydrogen Production in Global Market

Table 2. Top PEM Electrolyzer for Hydrogen Production Players in Global Market, Ranking by Revenue (2021)

Table 3. Global PEM Electrolyzer for Hydrogen Production Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global PEM Electrolyzer for Hydrogen Production Revenue Share by Companies, 2017-2022

Table 5. Global PEM Electrolyzer for Hydrogen Production Sales by Companies, (K Units), 2017-2022

Table 6. Global PEM Electrolyzer for Hydrogen Production Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers PEM Electrolyzer for Hydrogen Production Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers PEM Electrolyzer for Hydrogen Production Product Type

Table 9. List of Global Tier 1 PEM Electrolyzer for Hydrogen Production Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 PEM Electrolyzer for Hydrogen Production Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global PEM Electrolyzer for Hydrogen Production Sales (K Units), 2017-2022

Table 15. By Type - Global PEM Electrolyzer for Hydrogen Production Sales (K Units), 2023-2028

Table 16. By Application – Global PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global PEM Electrolyzer for Hydrogen Production Sales (K

Units), 2017-2022

Table 20. By Application - Global PEM Electrolyzer for Hydrogen Production Sales (K Units), 2023-2028

Table 21. By Region – Global PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global PEM Electrolyzer for Hydrogen Production Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global PEM Electrolyzer for Hydrogen Production Sales (K Units), 2017-2022

Table 25. By Region - Global PEM Electrolyzer for Hydrogen Production Sales (K Units), 2023-2028

Table 26. By Country - North America PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2017-2022

Table 29. By Country - North America PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2023-2028

Table 30. By Country - Europe PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2017-2022

Table 33. By Country - Europe PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2023-2028

Table 34. By Region - Asia PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2017-2022

Table 37. By Region - Asia PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2023-2028

Table 38. By Country - South America PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2017-2022

Table 41. By Country - South America PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Sales, (K Units), 2023-2028

Table 46. Proton On-Site Corporate Summary

Table 47. Proton On-Site PEM Electrolyzer for Hydrogen Production Product Offerings

Table 48. Proton On-Site PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. ITM Power Corporate Summary

Table 50. ITM Power PEM Electrolyzer for Hydrogen Production Product Offerings

Table 51. ITM Power PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Siemens Corporate Summary

Table 53. Siemens PEM Electrolyzer for Hydrogen Production Product Offerings

Table 54. Siemens PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. Toshiba Corporate Summary

Table 56. Toshiba PEM Electrolyzer for Hydrogen Production Product Offerings

Table 57. Toshiba PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Elchemtech Corporate Summary

Table 59. Elchemtech PEM Electrolyzer for Hydrogen Production Product Offerings

Table 60. Elchemtech PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Cummins Corporate Summary

Table 62. Cummins PEM Electrolyzer for Hydrogen Production Product Offerings

Table 63. Cummins PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Elogen Corporate Summary

- Table 65. Elogen PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 66. Elogen PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 67. McPhy Corporate Summary
- Table 68. McPhy PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 69. McPhy PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 70. H2B2 Corporate Summary
- Table 71. H2B2 PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 72. H2B2 PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 73. Areva H2gen Corporate Summary
- Table 74. Areva H2gen PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 75. Areva H2gen PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 76. Teledyne Energy Systems Corporate Summary
- Table 77. Teledyne Energy Systems PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 78. Teledyne Energy Systems PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 79. Shandong Saksay Hydrogen Energy Corporate Summary
- Table 80. Shandong Saksay Hydrogen Energy PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 81. Shandong Saksay Hydrogen Energy PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 82. DONGYUE FUTURE HYDROGEN Corporate Summary
- Table 83. DONGYUE FUTURE HYDROGEN PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 84. DONGYUE FUTURE HYDROGEN PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 85. Suzhou Thinkre New Material Corporate Summary
- Table 86. Suzhou Thinkre New Material PEM Electrolyzer for Hydrogen Production Product Offerings
- Table 87. Suzhou Thinkre New Material PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 88. Zhongchuan Heavy Industry No.718 Institute Corporate Summary
- Table 89. Zhongchuan Heavy Industry No.718 Institute PEM Electrolyzer for Hydrogen Production Product Offerings

Table 90. Zhongchuan Heavy Industry No.718 Institute PEM Electrolyzer for Hydrogen Production Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 91. PEM Electrolyzer for Hydrogen Production Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 92. Global PEM Electrolyzer for Hydrogen Production Capacity Market Share of Key Manufacturers, 2020-2022

Table 93. Global PEM Electrolyzer for Hydrogen Production Production by Region, 2017-2022 (K Units)

Table 94. Global PEM Electrolyzer for Hydrogen Production Production by Region, 2023-2028 (K Units)

Table 95. PEM Electrolyzer for Hydrogen Production Market Opportunities & Trends in Global Market

Table 96. PEM Electrolyzer for Hydrogen Production Market Drivers in Global Market

Table 97. PEM Electrolyzer for Hydrogen Production Market Restraints in Global Market

Table 98. PEM Electrolyzer for Hydrogen Production Raw Materials

Table 99. PEM Electrolyzer for Hydrogen Production Raw Materials Suppliers in Global Market

Table 100. Typical PEM Electrolyzer for Hydrogen Production Downstream

Table 101. PEM Electrolyzer for Hydrogen Production Downstream Clients in Global Market

Table 102. PEM Electrolyzer for Hydrogen Production Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. PEM Electrolyzer for Hydrogen Production Segment by Type
- Figure 2. PEM Electrolyzer for Hydrogen Production Segment by Application
- Figure 3. Global PEM Electrolyzer for Hydrogen Production Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global PEM Electrolyzer for Hydrogen Production Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global PEM Electrolyzer for Hydrogen Production Revenue, 2017-2028 (US\$, Mn)
- Figure 7. PEM Electrolyzer for Hydrogen Production Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by PEM Electrolyzer for Hydrogen Production Revenue in 2021
- Figure 9. By Type - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028
- Figure 10. By Type - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028
- Figure 11. By Type - Global PEM Electrolyzer for Hydrogen Production Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028
- Figure 13. By Application - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028
- Figure 14. By Application - Global PEM Electrolyzer for Hydrogen Production Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028
- Figure 16. By Region - Global PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028
- Figure 17. By Country - North America PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028
- Figure 18. By Country - North America PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028
- Figure 19. US PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

2017-2028

Figure 21. Mexico PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

Figure 23. By Country - Europe PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

Figure 24. Germany PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 25. France PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

Figure 32. By Region - Asia PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

Figure 33. China PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 37. India PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

Figure 39. By Country - South America PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

Figure 40. Brazil PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa PEM Electrolyzer for Hydrogen Production Sales Market Share, 2017-2028

Figure 44. Turkey PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE PEM Electrolyzer for Hydrogen Production Revenue, (US\$, Mn), 2017-2028

Figure 48. Global PEM Electrolyzer for Hydrogen Production Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production PEM Electrolyzer for Hydrogen Production by Region, 2021 VS 2028

Figure 50. PEM Electrolyzer for Hydrogen Production Industry Value Chain

Figure 51. Marketing Channels

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