

Global Water Electrolysis Device Market Growth 2025-2031

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Abstracts

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The global Water Electrolysis Device market size is predicted to grow from US\$ 296 million in 2025 to US\$ 586 million in 2031; it is expected to grow at a CAGR of 12.0% from 2025 to 2031.

Electrolysis is a promising option for hydrogen production from renewable resources. Electrolysis is the process of using electricity to split water into hydrogen and oxygen. This reaction takes place in a unit called electrolyze. Electrolyzes can range in size from small, appliance-size equipment that is well-suited for small-scale distributed hydrogen production to large-scale, central production facilities that could be tied directly to renewable or other non-greenhouse-gas-emitting forms of electricity production.

The major players in global water electrolysis market include 718th Research Institute of CSIC, Proton On-Site, Hydrogenics, etc. The top 2 players occupy about 30% shares of the global market. Asia Pacific and Europe are main markets, they occupy about 75% of the global market.

LP Information, Inc. (LPI) ' newest research report, the "Water Electrolysis Device Industry Forecast" looks at past sales and reviews total world Water Electrolysis Device sales in 2024, providing a comprehensive analysis by region and market sector of projected Water Electrolysis Device sales for 2025 through 2031. With Water Electrolysis Device sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Water Electrolysis Device industry.

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

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

This report presents a comprehensive overview, market shares, and growth opportunities of Water Electrolysis Device market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Traditional Alkaline Electroliser

PEM Electroliser

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 analysing the company's coverage, product portfolio, its market penetration.

718th Research Institute of CSIC

Suzhou Jingli

Proton On-Site

Cummins

Siemens

Teledyne Energy Systems

EM Solution

McPhy

Nel Hydrogen

Toshiba

TianJin Mainland

Yangzhou Chungdean Hydrogen Equipment

Elogen

Erredue SpA

Kobelco Eco-Solutions

ITM Power

Idroenergy Spa

ShaanXi HuaQin

Beijing Zhongdian

Elchemtech

H2B2

Verde LLC

Key Questions Addressed in this Report

What is the 10-year outlook for the global Water Electrolysis Device market?

What factors are driving Water Electrolysis Device market growth, globally and by region?

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

How do Water Electrolysis Device market opportunities vary by end market size?

How does Water Electrolysis Device break out by Type, by 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 Water Electrolysis Device Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Water Electrolysis Device by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Water Electrolysis Device by Country/Region, 2020, 2024 & 2031
- 2.2 Water Electrolysis Device Segment by Type
 - 2.2.1 Traditional Alkaline Electroliser
 - 2.2.2 PEM Electroliser
- 2.3 Water Electrolysis Device Sales by Type
 - 2.3.1 Global Water Electrolysis Device Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Water Electrolysis Device Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Water Electrolysis Device Sale Price by Type (2020-2025)
- 2.4 Water Electrolysis Device 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 Water Electrolysis Device Sales by Application
 - 2.5.1 Global Water Electrolysis Device Sale Market Share by Application (2020-2025)

2.5.2 Global Water Electrolysis Device Revenue and Market Share by Application (2020-2025)

2.5.3 Global Water Electrolysis Device Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Water Electrolysis Device Breakdown Data by Company

3.1.1 Global Water Electrolysis Device Annual Sales by Company (2020-2025)

3.1.2 Global Water Electrolysis Device Sales Market Share by Company (2020-2025)

3.2 Global Water Electrolysis Device Annual Revenue by Company (2020-2025)

3.2.1 Global Water Electrolysis Device Revenue by Company (2020-2025)

3.2.2 Global Water Electrolysis Device Revenue Market Share by Company (2020-2025)

3.3 Global Water Electrolysis Device Sale Price by Company

3.4 Key Manufacturers Water Electrolysis Device Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Water Electrolysis Device Product Location Distribution

3.4.2 Players Water Electrolysis Device Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR WATER ELECTROLYSIS DEVICE BY GEOGRAPHIC REGION

4.1 World Historic Water Electrolysis Device Market Size by Geographic Region (2020-2025)

4.1.1 Global Water Electrolysis Device Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Water Electrolysis Device Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Water Electrolysis Device Market Size by Country/Region (2020-2025)

4.2.1 Global Water Electrolysis Device Annual Sales by Country/Region (2020-2025)

4.2.2 Global Water Electrolysis Device Annual Revenue by Country/Region (2020-2025)

4.3 Americas Water Electrolysis Device Sales Growth

4.4 APAC Water Electrolysis Device Sales Growth

4.5 Europe Water Electrolysis Device Sales Growth

4.6 Middle East & Africa Water Electrolysis Device Sales Growth

5 AMERICAS

5.1 Americas Water Electrolysis Device Sales by Country

5.1.1 Americas Water Electrolysis Device Sales by Country (2020-2025)

5.1.2 Americas Water Electrolysis Device Revenue by Country (2020-2025)

5.2 Americas Water Electrolysis Device Sales by Type (2020-2025)

5.3 Americas Water Electrolysis Device Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Water Electrolysis Device Sales by Region

6.1.1 APAC Water Electrolysis Device Sales by Region (2020-2025)

6.1.2 APAC Water Electrolysis Device Revenue by Region (2020-2025)

6.2 APAC Water Electrolysis Device Sales by Type (2020-2025)

6.3 APAC Water Electrolysis Device Sales by Application (2020-2025)

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 Water Electrolysis Device by Country

7.1.1 Europe Water Electrolysis Device Sales by Country (2020-2025)

7.1.2 Europe Water Electrolysis Device Revenue by Country (2020-2025)

7.2 Europe Water Electrolysis Device Sales by Type (2020-2025)

7.3 Europe Water Electrolysis Device Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Water Electrolysis Device by Country

8.1.1 Middle East & Africa Water Electrolysis Device Sales by Country (2020-2025)

8.1.2 Middle East & Africa Water Electrolysis Device Revenue by Country (2020-2025)

8.2 Middle East & Africa Water Electrolysis Device Sales by Type (2020-2025)

8.3 Middle East & Africa Water Electrolysis Device Sales by Application (2020-2025)

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 Water Electrolysis Device

10.3 Manufacturing Process Analysis of Water Electrolysis Device

10.4 Industry Chain Structure of Water Electrolysis Device

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Water Electrolysis Device Distributors

11.3 Water Electrolysis Device Customer

12 WORLD FORECAST REVIEW FOR WATER ELECTROLYSIS DEVICE BY GEOGRAPHIC REGION

12.1 Global Water Electrolysis Device Market Size Forecast by Region

12.1.1 Global Water Electrolysis Device Forecast by Region (2026-2031)

12.1.2 Global Water Electrolysis Device Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Water Electrolysis Device Forecast by Type (2026-2031)

12.7 Global Water Electrolysis Device Forecast by Application (2026-2031)

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 Water Electrolysis Device Product Portfolios and Specifications

13.1.3 718th Research Institute of CSIC Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 718th Research Institute of CSIC Main Business Overview

13.1.5 718th Research Institute of CSIC Latest Developments

13.2 Suzhou Jingli

13.2.1 Suzhou Jingli Company Information

13.2.2 Suzhou Jingli Water Electrolysis Device Product Portfolios and Specifications

13.2.3 Suzhou Jingli Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Suzhou Jingli Main Business Overview

13.2.5 Suzhou Jingli Latest Developments

13.3 Proton On-Site

13.3.1 Proton On-Site Company Information

13.3.2 Proton On-Site Water Electrolysis Device Product Portfolios and Specifications

13.3.3 Proton On-Site Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Proton On-Site Main Business Overview

13.3.5 Proton On-Site Latest Developments

13.4 Cummins

- 13.4.1 Cummins Company Information
- 13.4.2 Cummins Water Electrolysis Device Product Portfolios and Specifications
- 13.4.3 Cummins Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 Cummins Main Business Overview
- 13.4.5 Cummins Latest Developments
- 13.5 Siemens
 - 13.5.1 Siemens Company Information
 - 13.5.2 Siemens Water Electrolysis Device Product Portfolios and Specifications
 - 13.5.3 Siemens Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 Siemens Main Business Overview
 - 13.5.5 Siemens Latest Developments
- 13.6 Teledyne Energy Systems
 - 13.6.1 Teledyne Energy Systems Company Information
 - 13.6.2 Teledyne Energy Systems Water Electrolysis Device Product Portfolios and Specifications
 - 13.6.3 Teledyne Energy Systems Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Teledyne Energy Systems Main Business Overview
 - 13.6.5 Teledyne Energy Systems Latest Developments
- 13.7 EM Solution
 - 13.7.1 EM Solution Company Information
 - 13.7.2 EM Solution Water Electrolysis Device Product Portfolios and Specifications
 - 13.7.3 EM Solution Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 EM Solution Main Business Overview
 - 13.7.5 EM Solution Latest Developments
- 13.8 McPhy
 - 13.8.1 McPhy Company Information
 - 13.8.2 McPhy Water Electrolysis Device Product Portfolios and Specifications
 - 13.8.3 McPhy Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 McPhy Main Business Overview
 - 13.8.5 McPhy Latest Developments
- 13.9 Nel Hydrogen
 - 13.9.1 Nel Hydrogen Company Information
 - 13.9.2 Nel Hydrogen Water Electrolysis Device Product Portfolios and Specifications
 - 13.9.3 Nel Hydrogen Water Electrolysis Device Sales, Revenue, Price and Gross

Margin (2020-2025)

13.9.4 Nel Hydrogen Main Business Overview

13.9.5 Nel Hydrogen Latest Developments

13.10 Toshiba

13.10.1 Toshiba Company Information

13.10.2 Toshiba Water Electrolysis Device Product Portfolios and Specifications

13.10.3 Toshiba Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Toshiba Main Business Overview

13.10.5 Toshiba Latest Developments

13.11 TianJin Mainland

13.11.1 TianJin Mainland Company Information

13.11.2 TianJin Mainland Water Electrolysis Device Product Portfolios and Specifications

13.11.3 TianJin Mainland Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 TianJin Mainland Main Business Overview

13.11.5 TianJin Mainland Latest Developments

13.12 Yangzhou Chungdean Hydrogen Equipment

13.12.1 Yangzhou Chungdean Hydrogen Equipment Company Information

13.12.2 Yangzhou Chungdean Hydrogen Equipment Water Electrolysis Device Product Portfolios and Specifications

13.12.3 Yangzhou Chungdean Hydrogen Equipment Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Yangzhou Chungdean Hydrogen Equipment Main Business Overview

13.12.5 Yangzhou Chungdean Hydrogen Equipment Latest Developments

13.13 Elogen

13.13.1 Elogen Company Information

13.13.2 Elogen Water Electrolysis Device Product Portfolios and Specifications

13.13.3 Elogen Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Elogen Main Business Overview

13.13.5 Elogen Latest Developments

13.14 Erredue SpA

13.14.1 Erredue SpA Company Information

13.14.2 Erredue SpA Water Electrolysis Device Product Portfolios and Specifications

13.14.3 Erredue SpA Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Erredue SpA Main Business Overview

- 13.14.5 Erredue SpA Latest Developments
- 13.15 Kobelco Eco-Solutions
 - 13.15.1 Kobelco Eco-Solutions Company Information
 - 13.15.2 Kobelco Eco-Solutions Water Electrolysis Device Product Portfolios and Specifications
 - 13.15.3 Kobelco Eco-Solutions Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 Kobelco Eco-Solutions Main Business Overview
 - 13.15.5 Kobelco Eco-Solutions Latest Developments
- 13.16 ITM Power
 - 13.16.1 ITM Power Company Information
 - 13.16.2 ITM Power Water Electrolysis Device Product Portfolios and Specifications
 - 13.16.3 ITM Power Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 ITM Power Main Business Overview
 - 13.16.5 ITM Power Latest Developments
- 13.17 Idroenergy Spa
 - 13.17.1 Idroenergy Spa Company Information
 - 13.17.2 Idroenergy Spa Water Electrolysis Device Product Portfolios and Specifications
 - 13.17.3 Idroenergy Spa Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 Idroenergy Spa Main Business Overview
 - 13.17.5 Idroenergy Spa Latest Developments
- 13.18 ShaanXi HuaQin
 - 13.18.1 ShaanXi HuaQin Company Information
 - 13.18.2 ShaanXi HuaQin Water Electrolysis Device Product Portfolios and Specifications
 - 13.18.3 ShaanXi HuaQin Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.18.4 ShaanXi HuaQin Main Business Overview
 - 13.18.5 ShaanXi HuaQin Latest Developments
- 13.19 Beijing Zhongdian
 - 13.19.1 Beijing Zhongdian Company Information
 - 13.19.2 Beijing Zhongdian Water Electrolysis Device Product Portfolios and Specifications
 - 13.19.3 Beijing Zhongdian Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.19.4 Beijing Zhongdian Main Business Overview

- 13.19.5 Beijing Zhongdian Latest Developments
- 13.20 Elchemtech
 - 13.20.1 Elchemtech Company Information
 - 13.20.2 Elchemtech Water Electrolysis Device Product Portfolios and Specifications
 - 13.20.3 Elchemtech Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.20.4 Elchemtech Main Business Overview
 - 13.20.5 Elchemtech Latest Developments
- 13.21 H2B2
 - 13.21.1 H2B2 Company Information
 - 13.21.2 H2B2 Water Electrolysis Device Product Portfolios and Specifications
 - 13.21.3 H2B2 Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.21.4 H2B2 Main Business Overview
 - 13.21.5 H2B2 Latest Developments
- 13.22 Verde LLC
 - 13.22.1 Verde LLC Company Information
 - 13.22.2 Verde LLC Water Electrolysis Device Product Portfolios and Specifications
 - 13.22.3 Verde LLC Water Electrolysis Device Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.22.4 Verde LLC Main Business Overview
 - 13.22.5 Verde LLC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

- Table 1. Water Electrolysis Device Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Water Electrolysis Device Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Traditional Alkaline Electrolyser
- Table 4. Major Players of PEM Electrolyser
- Table 5. Global Water Electrolysis Device Sales by Type (2020-2025) & (Units)
- Table 6. Global Water Electrolysis Device Sales Market Share by Type (2020-2025)
- Table 7. Global Water Electrolysis Device Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Water Electrolysis Device Revenue Market Share by Type (2020-2025)
- Table 9. Global Water Electrolysis Device Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Water Electrolysis Device Sale by Application (2020-2025) & (Units)

Table 11. Global Water Electrolysis Device Sale Market Share by Application (2020-2025)

Table 12. Global Water Electrolysis Device Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Water Electrolysis Device Revenue Market Share by Application (2020-2025)

Table 14. Global Water Electrolysis Device Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Water Electrolysis Device Sales by Company (2020-2025) & (Units)

Table 16. Global Water Electrolysis Device Sales Market Share by Company (2020-2025)

Table 17. Global Water Electrolysis Device Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Water Electrolysis Device Revenue Market Share by Company (2020-2025)

Table 19. Global Water Electrolysis Device Sale Price by Company (2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers Water Electrolysis Device Producing Area Distribution and Sales Area

Table 21. Players Water Electrolysis Device Products Offered

Table 22. Water Electrolysis Device Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Water Electrolysis Device Sales by Geographic Region (2020-2025) & (Units)

Table 26. Global Water Electrolysis Device Sales Market Share Geographic Region (2020-2025)

Table 27. Global Water Electrolysis Device Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Water Electrolysis Device Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Water Electrolysis Device Sales by Country/Region (2020-2025) & (Units)

Table 30. Global Water Electrolysis Device Sales Market Share by Country/Region (2020-2025)

Table 31. Global Water Electrolysis Device Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Water Electrolysis Device Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Water Electrolysis Device Sales by Country (2020-2025) & (Units)

Table 34. Americas Water Electrolysis Device Sales Market Share by Country (2020-2025)

Table 35. Americas Water Electrolysis Device Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Water Electrolysis Device Sales byType (2020-2025) & (Units)

Table 37. Americas Water Electrolysis Device Sales by Application (2020-2025) & (Units)

Table 38. APAC Water Electrolysis Device Sales by Region (2020-2025) & (Units)

Table 39. APAC Water Electrolysis Device Sales Market Share by Region (2020-2025)

Table 40. APAC Water Electrolysis Device Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Water Electrolysis Device Sales byType (2020-2025) & (Units)

Table 42. APAC Water Electrolysis Device Sales by Application (2020-2025) & (Units)

Table 43. Europe Water Electrolysis Device Sales by Country (2020-2025) & (Units)

Table 44. Europe Water Electrolysis Device Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Water Electrolysis Device Sales byType (2020-2025) & (Units)

Table 46. Europe Water Electrolysis Device Sales by Application (2020-2025) & (Units)

Table 47. Middle East & Africa Water Electrolysis Device Sales by Country (2020-2025) & (Units)

Table 48. Middle East & Africa Water Electrolysis Device Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Water Electrolysis Device Sales byType (2020-2025) & (Units)

Table 50. Middle East & Africa Water Electrolysis Device Sales by Application (2020-2025) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Water Electrolysis Device

Table 52. Key Market Challenges & Risks of Water Electrolysis Device

Table 53. Key IndustryTrends of Water Electrolysis Device

Table 54. Water Electrolysis Device Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Water Electrolysis Device Distributors List

Table 57. Water Electrolysis Device Customer List

Table 58. Global Water Electrolysis Device SalesForecast by Region (2026-2031) & (Units)

Table 59. Global Water Electrolysis Device RevenueForecast by Region (2026-2031) &

(\$ millions)

Table 60. Americas Water Electrolysis Device SalesForecast by Country (2026-2031) & (Units)

Table 61. Americas Water Electrolysis Device Annual RevenueForecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Water Electrolysis Device SalesForecast by Region (2026-2031) & (Units)

Table 63. APAC Water Electrolysis Device Annual RevenueForecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Water Electrolysis Device SalesForecast by Country (2026-2031) & (Units)

Table 65. Europe Water Electrolysis Device RevenueForecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Water Electrolysis Device SalesForecast by Country (2026-2031) & (Units)

Table 67. Middle East & Africa Water Electrolysis Device RevenueForecast by Country (2026-2031) & (\$ millions)

Table 68. Global Water Electrolysis Device SalesForecast byType (2026-2031) & (Units)

Table 69. Global Water Electrolysis Device RevenueForecast byType (2026-2031) & (\$ millions)

Table 70. Global Water Electrolysis Device SalesForecast by Application (2026-2031) & (Units)

Table 71. Global Water Electrolysis Device RevenueForecast by Application (2026-2031) & (\$ millions)

Table 72. 718th Research Institute of CSIC Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 73. 718th Research Institute of CSIC Water Electrolysis Device Product Portfolios and Specifications

Table 74. 718th Research Institute of CSIC Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. 718th Research Institute of CSIC Main Business

Table 76. 718th Research Institute of CSIC Latest Developments

Table 77. Suzhou Jingli Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 78. Suzhou Jingli Water Electrolysis Device Product Portfolios and Specifications

Table 79. Suzhou Jingli Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. Suzhou Jingli Main Business

Table 81. Suzhou Jingli Latest Developments

Table 82. Proton On-Site Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 83. Proton On-Site Water Electrolysis Device Product Portfolios and Specifications

Table 84. Proton On-Site Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. Proton On-Site Main Business

Table 86. Proton On-Site Latest Developments

Table 87. Cummins Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 88. Cummins Water Electrolysis Device Product Portfolios and Specifications

Table 89. Cummins Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Cummins Main Business

Table 91. Cummins Latest Developments

Table 92. Siemens Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 93. Siemens Water Electrolysis Device Product Portfolios and Specifications

Table 94. Siemens Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. Siemens Main Business

Table 96. Siemens Latest Developments

Table 97. Teledyne Energy Systems Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 98. Teledyne Energy Systems Water Electrolysis Device Product Portfolios and Specifications

Table 99. Teledyne Energy Systems Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. Teledyne Energy Systems Main Business

Table 101. Teledyne Energy Systems Latest Developments

Table 102. EM Solution Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 103. EM Solution Water Electrolysis Device Product Portfolios and Specifications

Table 104. EM Solution Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. EM Solution Main Business

Table 106. EM Solution Latest Developments

Table 107. McPhy Basic Information, Water Electrolysis Device Manufacturing Base,

Sales Area and Its Competitors

Table 108. McPhy Water Electrolysis Device Product Portfolios and Specifications

Table 109. McPhy Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. McPhy Main Business

Table 111. McPhy Latest Developments

Table 112. Nel Hydrogen Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 113. Nel Hydrogen Water Electrolysis Device Product Portfolios and Specifications

Table 114. Nel Hydrogen Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. Nel Hydrogen Main Business

Table 116. Nel Hydrogen Latest Developments

Table 117. Toshiba Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 118. Toshiba Water Electrolysis Device Product Portfolios and Specifications

Table 119. Toshiba Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. Toshiba Main Business

Table 121. Toshiba Latest Developments

Table 122. TianJin Mainland Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 123. TianJin Mainland Water Electrolysis Device Product Portfolios and Specifications

Table 124. TianJin Mainland Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. TianJin Mainland Main Business

Table 126. TianJin Mainland Latest Developments

Table 127. Yangzhou Chungdean Hydrogen Equipment Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 128. Yangzhou Chungdean Hydrogen Equipment Water Electrolysis Device Product Portfolios and Specifications

Table 129. Yangzhou Chungdean Hydrogen Equipment Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. Yangzhou Chungdean Hydrogen Equipment Main Business

Table 131. Yangzhou Chungdean Hydrogen Equipment Latest Developments

Table 132. Elogen Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 133. Elogen Water Electrolysis Device Product Portfolios and Specifications

Table 134. Elogen Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 135. Elogen Main Business

Table 136. Elogen Latest Developments

Table 137. Erredue SpA Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 138. Erredue SpA Water Electrolysis Device Product Portfolios and Specifications

Table 139. Erredue SpA Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 140. Erredue SpA Main Business

Table 141. Erredue SpA Latest Developments

Table 142. Kobelco Eco-Solutions Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 143. Kobelco Eco-Solutions Water Electrolysis Device Product Portfolios and Specifications

Table 144. Kobelco Eco-Solutions Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 145. Kobelco Eco-Solutions Main Business

Table 146. Kobelco Eco-Solutions Latest Developments

Table 147. ITM Power Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 148. ITM Power Water Electrolysis Device Product Portfolios and Specifications

Table 149. ITM Power Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 150. ITM Power Main Business

Table 151. ITM Power Latest Developments

Table 152. Idroenergy Spa Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 153. Idroenergy Spa Water Electrolysis Device Product Portfolios and Specifications

Table 154. Idroenergy Spa Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 155. Idroenergy Spa Main Business

Table 156. Idroenergy Spa Latest Developments

Table 157. ShaanXi HuaQin Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 158. ShaanXi HuaQin Water Electrolysis Device Product Portfolios and Specifications

Table 159. ShaanXi HuaQin Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 160. ShaanXi HuaQin Main Business

Table 161. ShaanXi HuaQin Latest Developments

Table 162. Beijing Zhongdian Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 163. Beijing Zhongdian Water Electrolysis Device Product Portfolios and Specifications

Table 164. Beijing Zhongdian Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 165. Beijing Zhongdian Main Business

Table 166. Beijing Zhongdian Latest Developments

Table 167. Elchemtech Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 168. Elchemtech Water Electrolysis Device Product Portfolios and Specifications

Table 169. Elchemtech Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 170. Elchemtech Main Business

Table 171. Elchemtech Latest Developments

Table 172. H2B2 Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 173. H2B2 Water Electrolysis Device Product Portfolios and Specifications

Table 174. H2B2 Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 175. H2B2 Main Business

Table 176. H2B2 Latest Developments

Table 177. Verde LLC Basic Information, Water Electrolysis Device Manufacturing Base, Sales Area and Its Competitors

Table 178. Verde LLC Water Electrolysis Device Product Portfolios and Specifications

Table 179. Verde LLC Water Electrolysis Device Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 180. Verde LLC Main Business

Table 181. Verde LLC Latest Developments

LIST OFFIGURES

Figure 1. Picture of Water Electrolysis Device

- Figure 2. Water Electrolysis Device Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Water Electrolysis Device Sales Growth Rate 2020-2031 (Units)
- Figure 7. Global Water Electrolysis Device Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Water Electrolysis Device Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Water Electrolysis Device Sales Market Share by Country/Region (2024)
- Figure 10. Water Electrolysis Device Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Traditional Alkaline Electroliser
- Figure 12. Product Picture of PEM Electroliser
- Figure 13. Global Water Electrolysis Device Sales Market Share by Type in 2025
- Figure 14. Global Water Electrolysis Device Revenue Market Share by Type (2020-2025)
- Figure 15. Water Electrolysis Device Consumed in Power Plants
- Figure 16. Global Water Electrolysis Device Market: Power Plants (2020-2025) & (Units)
- Figure 17. Water Electrolysis Device Consumed in Steel Plant
- Figure 18. Global Water Electrolysis Device Market: Steel Plant (2020-2025) & (Units)
- Figure 19. Water Electrolysis Device Consumed in Electronics and Photovoltaics
- Figure 20. Global Water Electrolysis Device Market: Electronics and Photovoltaics (2020-2025) & (Units)
- Figure 21. Water Electrolysis Device Consumed in Industrial Gases
- Figure 22. Global Water Electrolysis Device Market: Industrial Gases (2020-2025) & (Units)
- Figure 23. Water Electrolysis Device Consumed in Energy Storage or Fueling for FCEV's
- Figure 24. Global Water Electrolysis Device Market: Energy Storage or Fueling for FCEV's (2020-2025) & (Units)
- Figure 25. Water Electrolysis Device Consumed in Power to Gas
- Figure 26. Global Water Electrolysis Device Market: Power to Gas (2020-2025) & (Units)
- Figure 27. Water Electrolysis Device Consumed in Others
- Figure 28. Global Water Electrolysis Device Market: Others (2020-2025) & (Units)
- Figure 29. Global Water Electrolysis Device Sale Market Share by Application (2024)
- Figure 30. Global Water Electrolysis Device Revenue Market Share by Application in 2025
- Figure 31. Water Electrolysis Device Sales by Company in 2025 (Units)

Figure 32. Global Water Electrolysis Device Sales Market Share by Company in 2025

Figure 33. Water Electrolysis Device Revenue by Company in 2025 (\$ millions)

Figure 34. Global Water Electrolysis Device Revenue Market Share by Company in 2025

Figure 35. Global Water Electrolysis Device Sales Market Share by Geographic Region (2020-2025)

Figure 36. Global Water Electrolysis Device Revenue Market Share by Geographic Region in 2025

Figure 37. Americas Water Electrolysis Device Sales 2020-2025 (Units)

Figure 38. Americas Water Electrolysis Device Revenue 2020-2025 (\$ millions)

Figure 39. APAC Water Electrolysis Device Sales 2020-2025 (Units)

Figure 40. APAC Water Electrolysis Device Revenue 2020-2025 (\$ millions)

Figure 41. Europe Water Electrolysis Device Sales 2020-2025 (Units)

Figure 42. Europe Water Electrolysis Device Revenue 2020-2025 (\$ millions)

Figure 43. Middle East & Africa Water Electrolysis Device Sales 2020-2025 (Units)

Figure 44. Middle East & Africa Water Electrolysis Device Revenue 2020-2025 (\$ millions)

Figure 45. Americas Water Electrolysis Device Sales Market Share by Country in 2025

Figure 46. Americas Water Electrolysis Device Revenue Market Share by Country (2020-2025)

Figure 47. Americas Water Electrolysis Device Sales Market Share byType (2020-2025)

Figure 48. Americas Water Electrolysis Device Sales Market Share by Application (2020-2025)

Figure 49. United States Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 50. Canada Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 51. Mexico Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 52. Brazil Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 53. APAC Water Electrolysis Device Sales Market Share by Region in 2025

Figure 54. APAC Water Electrolysis Device Revenue Market Share by Region (2020-2025)

Figure 55. APAC Water Electrolysis Device Sales Market Share byType (2020-2025)

Figure 56. APAC Water Electrolysis Device Sales Market Share by Application (2020-2025)

Figure 57. China Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 58. Japan Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 59. South Korea Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 60. Southeast Asia Water Electrolysis Device Revenue Growth 2020-2025 (\$

millions)

Figure 61. India Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 62. Australia Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 63. ChinaTaiwan Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 64. Europe Water Electrolysis Device Sales Market Share by Country in 2025

Figure 65. Europe Water Electrolysis Device Revenue Market Share by Country (2020-2025)

Figure 66. Europe Water Electrolysis Device Sales Market Share byType (2020-2025)

Figure 67. Europe Water Electrolysis Device Sales Market Share by Application (2020-2025)

Figure 68. Germany Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 69. France Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 70. UK Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 71. Italy Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 72. Russia Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 73. Middle East & Africa Water Electrolysis Device Sales Market Share by Country (2020-2025)

Figure 74. Middle East & Africa Water Electrolysis Device Sales Market Share byType (2020-2025)

Figure 75. Middle East & Africa Water Electrolysis Device Sales Market Share by Application (2020-2025)

Figure 76. Egypt Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 77. South Africa Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 78. Israel Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 79. Turkey Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 80. GCC Countries Water Electrolysis Device Revenue Growth 2020-2025 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of Water Electrolysis Device in 2025

Figure 82. Manufacturing Process Analysis of Water Electrolysis Device

Figure 83. Industry Chain Structure of Water Electrolysis Device

Figure 84. Channels of Distribution

Figure 85. Global Water Electrolysis Device Sales MarketForecast by Region (2026-2031)

Figure 86. Global Water Electrolysis Device Revenue Market ShareForecast by Region (2026-2031)

Figure 87. Global Water Electrolysis Device Sales Market ShareForecast byType (2026-2031)

Figure 88. Global Water Electrolysis Device Revenue Market ShareForecast byType
(2026-2031)

Figure 89. Global Water Electrolysis Device Sales Market ShareForecast by Application
(2026-2031)

Figure 90. Global Water Electrolysis Device Revenue Market ShareForecast by
Application (2026-2031)

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