

# Global Water-to-hydrogen Electrolyzers Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

Electrolysis of water is an important technology for the production of hydrogen to be used as an energy carrier. With fast dynamic response times, large operational ranges, and high efficiencies, water electrolysis is a promising technology for energy storage coupled with renewable energy sources. This report focus on Water-to-hydrogen Electrolyzers market.

This report provides a deep insight into the global Water-to-hydrogen Electrolyzers market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Water-to-hydrogen Electrolyzers Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Water-to-hydrogen Electrolyzers market in any manner.

## Global Water-to-hydrogen Electrolyzers Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

Nel ASA

McPhy

Siemens

GTT (Areva H2Gen)

Shandong Saikesaisi Hydrogen Energy

Kobelco Eco-Solutions

ITM Power

Toshiba

Purification Equipment Research Institute of CSIC

Teledyne Energy Systems

Hydrogenics

Suzhou Jingli

Beijing Zhongdian

TianJin Mainland

Yangzhou Chungdean Hydrogen Equipment

Asahi Kasei

Idroenergy Spa

Erredue SpA

ShaanXi HuaQin

ELB Elektrolysetechnik GmbH

Market Segmentation (by Type)

Atmospheric Alkaline Electrolyser

PEM Electrolyser

Market Segmentation (by Application)

Power Plants

Steel Plant

Electronics and Photovoltaics

Industrial Gases

Electric Automobile

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Water-to-hydrogen Electrolyzers Market

Overview of the regional outlook of the Water-to-hydrogen Electrolyzers Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Water-to-hydrogen Electrolyzers Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Water-to-hydrogen Electrolyzers
- 1.2 Key Market Segments
  - 1.2.1 Water-to-hydrogen Electrolyzers Segment by Type
  - 1.2.2 Water-to-hydrogen Electrolyzers Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 WATER-TO-HYDROGEN ELECTROLYZERS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Water-to-hydrogen Electrolyzers Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global Water-to-hydrogen Electrolyzers Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 WATER-TO-HYDROGEN ELECTROLYZERS MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Water-to-hydrogen Electrolyzers Sales by Manufacturers (2019-2024)
- 3.2 Global Water-to-hydrogen Electrolyzers Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Water-to-hydrogen Electrolyzers Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Water-to-hydrogen Electrolyzers Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Water-to-hydrogen Electrolyzers Sales Sites, Area Served, Product Type
- 3.6 Water-to-hydrogen Electrolyzers Market Competitive Situation and Trends
  - 3.6.1 Water-to-hydrogen Electrolyzers Market Concentration Rate

3.6.2 Global 5 and 10 Largest Water-to-hydrogen Electrolyzers Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 WATER-TO-HYDROGEN ELECTROLYZERS INDUSTRY CHAIN ANALYSIS**

4.1 Water-to-hydrogen Electrolyzers Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF WATER-TO-HYDROGEN ELECTROLYZERS MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

## **6 WATER-TO-HYDROGEN ELECTROLYZERS MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Water-to-hydrogen Electrolyzers Sales Market Share by Type (2019-2024)

6.3 Global Water-to-hydrogen Electrolyzers Market Size Market Share by Type (2019-2024)

6.4 Global Water-to-hydrogen Electrolyzers Price by Type (2019-2024)

## **7 WATER-TO-HYDROGEN ELECTROLYZERS MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Water-to-hydrogen Electrolyzers Market Sales by Application (2019-2024)

7.3 Global Water-to-hydrogen Electrolyzers Market Size (M USD) by Application

(2019-2024)

7.4 Global Water-to-hydrogen Electrolyzers Sales Growth Rate by Application

(2019-2024)

## **8 WATER-TO-HYDROGEN ELECTROLYZERS MARKET SEGMENTATION BY REGION**

8.1 Global Water-to-hydrogen Electrolyzers Sales by Region

8.1.1 Global Water-to-hydrogen Electrolyzers Sales by Region

8.1.2 Global Water-to-hydrogen Electrolyzers Sales Market Share by Region

8.2 North America

8.2.1 North America Water-to-hydrogen Electrolyzers Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Water-to-hydrogen Electrolyzers Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Water-to-hydrogen Electrolyzers Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Water-to-hydrogen Electrolyzers Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Water-to-hydrogen Electrolyzers Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

### 9.1 Nel ASA

9.1.1 Nel ASA Water-to-hydrogen Electrolyzers Basic Information

9.1.2 Nel ASA Water-to-hydrogen Electrolyzers Product Overview

9.1.3 Nel ASA Water-to-hydrogen Electrolyzers Product Market Performance

9.1.4 Nel ASA Business Overview

9.1.5 Nel ASA Water-to-hydrogen Electrolyzers SWOT Analysis

9.1.6 Nel ASA Recent Developments

### 9.2 McPhy

9.2.1 McPhy Water-to-hydrogen Electrolyzers Basic Information

9.2.2 McPhy Water-to-hydrogen Electrolyzers Product Overview

9.2.3 McPhy Water-to-hydrogen Electrolyzers Product Market Performance

9.2.4 McPhy Business Overview

9.2.5 McPhy Water-to-hydrogen Electrolyzers SWOT Analysis

9.2.6 McPhy Recent Developments

### 9.3 Siemens

9.3.1 Siemens Water-to-hydrogen Electrolyzers Basic Information

9.3.2 Siemens Water-to-hydrogen Electrolyzers Product Overview

9.3.3 Siemens Water-to-hydrogen Electrolyzers Product Market Performance

9.3.4 Siemens Water-to-hydrogen Electrolyzers SWOT Analysis

9.3.5 Siemens Business Overview

9.3.6 Siemens Recent Developments

### 9.4 GTT (Areva H2Gen)

9.4.1 GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Basic Information

9.4.2 GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Product Overview

9.4.3 GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Product Market

Performance

9.4.4 GTT (Areva H2Gen) Business Overview

9.4.5 GTT (Areva H2Gen) Recent Developments

### 9.5 Shandong Saikesaisi Hydrogen Energy

9.5.1 Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Basic Information

9.5.2 Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Product Overview

9.5.3 Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Product

## Market Performance

9.5.4 Shandong Saikesaisi Hydrogen Energy Business Overview

9.5.5 Shandong Saikesaisi Hydrogen Energy Recent Developments

## 9.6 Kobelco Eco-Solutions

9.6.1 Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Basic Information

9.6.2 Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Product Overview

9.6.3 Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Product Market

## Performance

9.6.4 Kobelco Eco-Solutions Business Overview

9.6.5 Kobelco Eco-Solutions Recent Developments

## 9.7 ITM Power

9.7.1 ITM Power Water-to-hydrogen Electrolyzers Basic Information

9.7.2 ITM Power Water-to-hydrogen Electrolyzers Product Overview

9.7.3 ITM Power Water-to-hydrogen Electrolyzers Product Market Performance

9.7.4 ITM Power Business Overview

9.7.5 ITM Power Recent Developments

## 9.8 Toshiba

9.8.1 Toshiba Water-to-hydrogen Electrolyzers Basic Information

9.8.2 Toshiba Water-to-hydrogen Electrolyzers Product Overview

9.8.3 Toshiba Water-to-hydrogen Electrolyzers Product Market Performance

9.8.4 Toshiba Business Overview

9.8.5 Toshiba Recent Developments

## 9.9 Purification Equipment Research Institute of CSIC

9.9.1 Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Basic Information

9.9.2 Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Product Overview

9.9.3 Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Product Market Performance

9.9.4 Purification Equipment Research Institute of CSIC Business Overview

9.9.5 Purification Equipment Research Institute of CSIC Recent Developments

## 9.10 Teledyne Energy Systems

9.10.1 Teledyne Energy Systems Water-to-hydrogen Electrolyzers Basic Information

9.10.2 Teledyne Energy Systems Water-to-hydrogen Electrolyzers Product Overview

9.10.3 Teledyne Energy Systems Water-to-hydrogen Electrolyzers Product Market Performance

9.10.4 Teledyne Energy Systems Business Overview

9.10.5 Teledyne Energy Systems Recent Developments

## 9.11 Hydrogenics

- 9.11.1 Hydrogenics Water-to-hydrogen Electrolyzers Basic Information
- 9.11.2 Hydrogenics Water-to-hydrogen Electrolyzers Product Overview
- 9.11.3 Hydrogenics Water-to-hydrogen Electrolyzers Product Market Performance
- 9.11.4 Hydrogenics Business Overview
- 9.11.5 Hydrogenics Recent Developments
- 9.12 Suzhou Jingli
  - 9.12.1 Suzhou Jingli Water-to-hydrogen Electrolyzers Basic Information
  - 9.12.2 Suzhou Jingli Water-to-hydrogen Electrolyzers Product Overview
  - 9.12.3 Suzhou Jingli Water-to-hydrogen Electrolyzers Product Market Performance
  - 9.12.4 Suzhou Jingli Business Overview
  - 9.12.5 Suzhou Jingli Recent Developments
- 9.13 Beijing Zhongdian
  - 9.13.1 Beijing Zhongdian Water-to-hydrogen Electrolyzers Basic Information
  - 9.13.2 Beijing Zhongdian Water-to-hydrogen Electrolyzers Product Overview
  - 9.13.3 Beijing Zhongdian Water-to-hydrogen Electrolyzers Product Market Performance
  - 9.13.4 Beijing Zhongdian Business Overview
  - 9.13.5 Beijing Zhongdian Recent Developments
- 9.14 TianJin Mainland
  - 9.14.1 TianJin Mainland Water-to-hydrogen Electrolyzers Basic Information
  - 9.14.2 TianJin Mainland Water-to-hydrogen Electrolyzers Product Overview
  - 9.14.3 TianJin Mainland Water-to-hydrogen Electrolyzers Product Market Performance
  - 9.14.4 TianJin Mainland Business Overview
  - 9.14.5 TianJin Mainland Recent Developments
- 9.15 Yangzhou Chungdean Hydrogen Equipment
  - 9.15.1 Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Basic Information
  - 9.15.2 Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Product Overview
  - 9.15.3 Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Product Market Performance
  - 9.15.4 Yangzhou Chungdean Hydrogen Equipment Business Overview
  - 9.15.5 Yangzhou Chungdean Hydrogen Equipment Recent Developments
- 9.16 Asahi Kasei
  - 9.16.1 Asahi Kasei Water-to-hydrogen Electrolyzers Basic Information
  - 9.16.2 Asahi Kasei Water-to-hydrogen Electrolyzers Product Overview
  - 9.16.3 Asahi Kasei Water-to-hydrogen Electrolyzers Product Market Performance
  - 9.16.4 Asahi Kasei Business Overview
  - 9.16.5 Asahi Kasei Recent Developments

## 9.17 Idroenergy Spa

- 9.17.1 Idroenergy Spa Water-to-hydrogen Electrolyzers Basic Information
- 9.17.2 Idroenergy Spa Water-to-hydrogen Electrolyzers Product Overview
- 9.17.3 Idroenergy Spa Water-to-hydrogen Electrolyzers Product Market Performance
- 9.17.4 Idroenergy Spa Business Overview
- 9.17.5 Idroenergy Spa Recent Developments

## 9.18 Erredue SpA

- 9.18.1 Erredue SpA Water-to-hydrogen Electrolyzers Basic Information
- 9.18.2 Erredue SpA Water-to-hydrogen Electrolyzers Product Overview
- 9.18.3 Erredue SpA Water-to-hydrogen Electrolyzers Product Market Performance
- 9.18.4 Erredue SpA Business Overview
- 9.18.5 Erredue SpA Recent Developments

## 9.19 ShaanXi HuaQin

- 9.19.1 ShaanXi HuaQin Water-to-hydrogen Electrolyzers Basic Information
- 9.19.2 ShaanXi HuaQin Water-to-hydrogen Electrolyzers Product Overview
- 9.19.3 ShaanXi HuaQin Water-to-hydrogen Electrolyzers Product Market Performance
- 9.19.4 ShaanXi HuaQin Business Overview
- 9.19.5 ShaanXi HuaQin Recent Developments

## 9.20 ELB Elektrolysetechnik GmbH

- 9.20.1 ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Basic Information
- 9.20.2 ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Product Overview
- 9.20.3 ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Product Market Performance
- 9.20.4 ELB Elektrolysetechnik GmbH Business Overview
- 9.20.5 ELB Elektrolysetechnik GmbH Recent Developments

## **10 WATER-TO-HYDROGEN ELECTROLYZERS MARKET FORECAST BY REGION**

### 10.1 Global Water-to-hydrogen Electrolyzers Market Size Forecast

### 10.2 Global Water-to-hydrogen Electrolyzers Market Forecast by Region

#### 10.2.1 North America Market Size Forecast by Country

#### 10.2.2 Europe Water-to-hydrogen Electrolyzers Market Size Forecast by Country

#### 10.2.3 Asia Pacific Water-to-hydrogen Electrolyzers Market Size Forecast by Region

#### 10.2.4 South America Water-to-hydrogen Electrolyzers Market Size Forecast by Country

#### 10.2.5 Middle East and Africa Forecasted Consumption of Water-to-hydrogen Electrolyzers by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

### 11.1 Global Water-to-hydrogen Electrolyzers Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Water-to-hydrogen Electrolyzers by Type (2025-2030)

11.1.2 Global Water-to-hydrogen Electrolyzers Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Water-to-hydrogen Electrolyzers by Type (2025-2030)

11.2 Global Water-to-hydrogen Electrolyzers Market Forecast by Application (2025-2030)

11.2.1 Global Water-to-hydrogen Electrolyzers Sales (K Units) Forecast by Application

11.2.2 Global Water-to-hydrogen Electrolyzers Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Water-to-hydrogen Electrolyzers Market Size Comparison by Region (M USD)
- Table 5. Global Water-to-hydrogen Electrolyzers Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Water-to-hydrogen Electrolyzers Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Water-to-hydrogen Electrolyzers Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Water-to-hydrogen Electrolyzers Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Water-to-hydrogen Electrolyzers as of 2022)
- Table 10. Global Market Water-to-hydrogen Electrolyzers Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Water-to-hydrogen Electrolyzers Sales Sites and Area Served
- Table 12. Manufacturers Water-to-hydrogen Electrolyzers Product Type
- Table 13. Global Water-to-hydrogen Electrolyzers Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Water-to-hydrogen Electrolyzers
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Water-to-hydrogen Electrolyzers Market Challenges
- Table 22. Global Water-to-hydrogen Electrolyzers Sales by Type (K Units)
- Table 23. Global Water-to-hydrogen Electrolyzers Market Size by Type (M USD)
- Table 24. Global Water-to-hydrogen Electrolyzers Sales (K Units) by Type (2019-2024)
- Table 25. Global Water-to-hydrogen Electrolyzers Sales Market Share by Type (2019-2024)
- Table 26. Global Water-to-hydrogen Electrolyzers Market Size (M USD) by Type (2019-2024)

Table 27. Global Water-to-hydrogen Electrolyzers Market Size Share by Type (2019-2024)

Table 28. Global Water-to-hydrogen Electrolyzers Price (USD/Unit) by Type (2019-2024)

Table 29. Global Water-to-hydrogen Electrolyzers Sales (K Units) by Application

Table 30. Global Water-to-hydrogen Electrolyzers Market Size by Application

Table 31. Global Water-to-hydrogen Electrolyzers Sales by Application (2019-2024) & (K Units)

Table 32. Global Water-to-hydrogen Electrolyzers Sales Market Share by Application (2019-2024)

Table 33. Global Water-to-hydrogen Electrolyzers Sales by Application (2019-2024) & (M USD)

Table 34. Global Water-to-hydrogen Electrolyzers Market Share by Application (2019-2024)

Table 35. Global Water-to-hydrogen Electrolyzers Sales Growth Rate by Application (2019-2024)

Table 36. Global Water-to-hydrogen Electrolyzers Sales by Region (2019-2024) & (K Units)

Table 37. Global Water-to-hydrogen Electrolyzers Sales Market Share by Region (2019-2024)

Table 38. North America Water-to-hydrogen Electrolyzers Sales by Country (2019-2024) & (K Units)

Table 39. Europe Water-to-hydrogen Electrolyzers Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Water-to-hydrogen Electrolyzers Sales by Region (2019-2024) & (K Units)

Table 41. South America Water-to-hydrogen Electrolyzers Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Water-to-hydrogen Electrolyzers Sales by Region (2019-2024) & (K Units)

Table 43. Nel ASA Water-to-hydrogen Electrolyzers Basic Information

Table 44. Nel ASA Water-to-hydrogen Electrolyzers Product Overview

Table 45. Nel ASA Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. Nel ASA Business Overview

Table 47. Nel ASA Water-to-hydrogen Electrolyzers SWOT Analysis

Table 48. Nel ASA Recent Developments

Table 49. McPhy Water-to-hydrogen Electrolyzers Basic Information

Table 50. McPhy Water-to-hydrogen Electrolyzers Product Overview

- Table 51. McPhy Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. McPhy Business Overview
- Table 53. McPhy Water-to-hydrogen Electrolyzers SWOT Analysis
- Table 54. McPhy Recent Developments
- Table 55. Siemens Water-to-hydrogen Electrolyzers Basic Information
- Table 56. Siemens Water-to-hydrogen Electrolyzers Product Overview
- Table 57. Siemens Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Siemens Water-to-hydrogen Electrolyzers SWOT Analysis
- Table 59. Siemens Business Overview
- Table 60. Siemens Recent Developments
- Table 61. GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Basic Information
- Table 62. GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Product Overview
- Table 63. GTT (Areva H2Gen) Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. GTT (Areva H2Gen) Business Overview
- Table 65. GTT (Areva H2Gen) Recent Developments
- Table 66. Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Basic Information
- Table 67. Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Product Overview
- Table 68. Shandong Saikesaisi Hydrogen Energy Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. Shandong Saikesaisi Hydrogen Energy Business Overview
- Table 70. Shandong Saikesaisi Hydrogen Energy Recent Developments
- Table 71. Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Basic Information
- Table 72. Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Product Overview
- Table 73. Kobelco Eco-Solutions Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Kobelco Eco-Solutions Business Overview
- Table 75. Kobelco Eco-Solutions Recent Developments
- Table 76. ITM Power Water-to-hydrogen Electrolyzers Basic Information
- Table 77. ITM Power Water-to-hydrogen Electrolyzers Product Overview
- Table 78. ITM Power Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. ITM Power Business Overview
- Table 80. ITM Power Recent Developments
- Table 81. Toshiba Water-to-hydrogen Electrolyzers Basic Information

- Table 82. Toshiba Water-to-hydrogen Electrolyzers Product Overview
- Table 83. Toshiba Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Toshiba Business Overview
- Table 85. Toshiba Recent Developments
- Table 86. Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Basic Information
- Table 87. Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Product Overview
- Table 88. Purification Equipment Research Institute of CSIC Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Purification Equipment Research Institute of CSIC Business Overview
- Table 90. Purification Equipment Research Institute of CSIC Recent Developments
- Table 91. Teledyne Energy Systems Water-to-hydrogen Electrolyzers Basic Information
- Table 92. Teledyne Energy Systems Water-to-hydrogen Electrolyzers Product Overview
- Table 93. Teledyne Energy Systems Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Teledyne Energy Systems Business Overview
- Table 95. Teledyne Energy Systems Recent Developments
- Table 96. Hydrogenics Water-to-hydrogen Electrolyzers Basic Information
- Table 97. Hydrogenics Water-to-hydrogen Electrolyzers Product Overview
- Table 98. Hydrogenics Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Hydrogenics Business Overview
- Table 100. Hydrogenics Recent Developments
- Table 101. Suzhou Jingli Water-to-hydrogen Electrolyzers Basic Information
- Table 102. Suzhou Jingli Water-to-hydrogen Electrolyzers Product Overview
- Table 103. Suzhou Jingli Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Suzhou Jingli Business Overview
- Table 105. Suzhou Jingli Recent Developments
- Table 106. Beijing Zhongdian Water-to-hydrogen Electrolyzers Basic Information
- Table 107. Beijing Zhongdian Water-to-hydrogen Electrolyzers Product Overview
- Table 108. Beijing Zhongdian Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Beijing Zhongdian Business Overview
- Table 110. Beijing Zhongdian Recent Developments
- Table 111. TianJin Mainland Water-to-hydrogen Electrolyzers Basic Information

Table 112. TianJin Mainland Water-to-hydrogen Electrolyzers Product Overview

Table 113. TianJin Mainland Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. TianJin Mainland Business Overview

Table 115. TianJin Mainland Recent Developments

Table 116. Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Basic Information

Table 117. Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Product Overview

Table 118. Yangzhou Chungdean Hydrogen Equipment Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. Yangzhou Chungdean Hydrogen Equipment Business Overview

Table 120. Yangzhou Chungdean Hydrogen Equipment Recent Developments

Table 121. Asahi Kasei Water-to-hydrogen Electrolyzers Basic Information

Table 122. Asahi Kasei Water-to-hydrogen Electrolyzers Product Overview

Table 123. Asahi Kasei Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Asahi Kasei Business Overview

Table 125. Asahi Kasei Recent Developments

Table 126. Idroenergy Spa Water-to-hydrogen Electrolyzers Basic Information

Table 127. Idroenergy Spa Water-to-hydrogen Electrolyzers Product Overview

Table 128. Idroenergy Spa Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 129. Idroenergy Spa Business Overview

Table 130. Idroenergy Spa Recent Developments

Table 131. Erredue SpA Water-to-hydrogen Electrolyzers Basic Information

Table 132. Erredue SpA Water-to-hydrogen Electrolyzers Product Overview

Table 133. Erredue SpA Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 134. Erredue SpA Business Overview

Table 135. Erredue SpA Recent Developments

Table 136. ShaanXi HuaQin Water-to-hydrogen Electrolyzers Basic Information

Table 137. ShaanXi HuaQin Water-to-hydrogen Electrolyzers Product Overview

Table 138. ShaanXi HuaQin Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 139. ShaanXi HuaQin Business Overview

Table 140. ShaanXi HuaQin Recent Developments

Table 141. ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Basic

## Information

Table 142. ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Product Overview

Table 143. ELB Elektrolysetechnik GmbH Water-to-hydrogen Electrolyzers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 144. ELB Elektrolysetechnik GmbH Business Overview

Table 145. ELB Elektrolysetechnik GmbH Recent Developments

Table 146. Global Water-to-hydrogen Electrolyzers Sales Forecast by Region (2025-2030) & (K Units)

Table 147. Global Water-to-hydrogen Electrolyzers Market Size Forecast by Region (2025-2030) & (M USD)

Table 148. North America Water-to-hydrogen Electrolyzers Sales Forecast by Country (2025-2030) & (K Units)

Table 149. North America Water-to-hydrogen Electrolyzers Market Size Forecast by Country (2025-2030) & (M USD)

Table 150. Europe Water-to-hydrogen Electrolyzers Sales Forecast by Country (2025-2030) & (K Units)

Table 151. Europe Water-to-hydrogen Electrolyzers Market Size Forecast by Country (2025-2030) & (M USD)

Table 152. Asia Pacific Water-to-hydrogen Electrolyzers Sales Forecast by Region (2025-2030) & (K Units)

Table 153. Asia Pacific Water-to-hydrogen Electrolyzers Market Size Forecast by Region (2025-2030) & (M USD)

Table 154. South America Water-to-hydrogen Electrolyzers Sales Forecast by Country (2025-2030) & (K Units)

Table 155. South America Water-to-hydrogen Electrolyzers Market Size Forecast by Country (2025-2030) & (M USD)

Table 156. Middle East and Africa Water-to-hydrogen Electrolyzers Consumption Forecast by Country (2025-2030) & (Units)

Table 157. Middle East and Africa Water-to-hydrogen Electrolyzers Market Size Forecast by Country (2025-2030) & (M USD)

Table 158. Global Water-to-hydrogen Electrolyzers Sales Forecast by Type (2025-2030) & (K Units)

Table 159. Global Water-to-hydrogen Electrolyzers Market Size Forecast by Type (2025-2030) & (M USD)

Table 160. Global Water-to-hydrogen Electrolyzers Price Forecast by Type (2025-2030) & (USD/Unit)

Table 161. Global Water-to-hydrogen Electrolyzers Sales (K Units) Forecast by Application (2025-2030)

Table 162. Global Water-to-hydrogen Electrolyzers Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Water-to-hydrogen Electrolyzers

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Water-to-hydrogen Electrolyzers Market Size (M USD), 2019-2030

Figure 5. Global Water-to-hydrogen Electrolyzers Market Size (M USD) (2019-2030)

Figure 6. Global Water-to-hydrogen Electrolyzers Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Water-to-hydrogen Electrolyzers Market Size by Country (M USD)

Figure 11. Water-to-hydrogen Electrolyzers Sales Share by Manufacturers in 2023

Figure 12. Global Water-to-hydrogen Electrolyzers Revenue Share by Manufacturers in 2023

Figure 13. Water-to-hydrogen Electrolyzers Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Water-to-hydrogen Electrolyzers Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Water-to-hydrogen Electrolyzers Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Water-to-hydrogen Electrolyzers Market Share by Type

Figure 18. Sales Market Share of Water-to-hydrogen Electrolyzers by Type (2019-2024)

Figure 19. Sales Market Share of Water-to-hydrogen Electrolyzers by Type in 2023

Figure 20. Market Size Share of Water-to-hydrogen Electrolyzers by Type (2019-2024)

Figure 21. Market Size Market Share of Water-to-hydrogen Electrolyzers by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Water-to-hydrogen Electrolyzers Market Share by Application

Figure 24. Global Water-to-hydrogen Electrolyzers Sales Market Share by Application (2019-2024)

Figure 25. Global Water-to-hydrogen Electrolyzers Sales Market Share by Application in 2023

Figure 26. Global Water-to-hydrogen Electrolyzers Market Share by Application (2019-2024)

Figure 27. Global Water-to-hydrogen Electrolyzers Market Share by Application in 2023

Figure 28. Global Water-to-hydrogen Electrolyzers Sales Growth Rate by Application (2019-2024)

Figure 29. Global Water-to-hydrogen Electrolyzers Sales Market Share by Region (2019-2024)

Figure 30. North America Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Water-to-hydrogen Electrolyzers Sales Market Share by Country in 2023

Figure 32. U.S. Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Water-to-hydrogen Electrolyzers Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Water-to-hydrogen Electrolyzers Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Water-to-hydrogen Electrolyzers Sales Market Share by Country in 2023

Figure 37. Germany Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Water-to-hydrogen Electrolyzers Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Water-to-hydrogen Electrolyzers Sales Market Share by Region in 2023

Figure 44. China Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) &

(K Units)

Figure 48. Southeast Asia Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Water-to-hydrogen Electrolyzers Sales and Growth Rate (K Units)

Figure 50. South America Water-to-hydrogen Electrolyzers Sales Market Share by Country in 2023

Figure 51. Brazil Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Water-to-hydrogen Electrolyzers Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Water-to-hydrogen Electrolyzers Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Water-to-hydrogen Electrolyzers Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Water-to-hydrogen Electrolyzers Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Water-to-hydrogen Electrolyzers Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Water-to-hydrogen Electrolyzers Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Water-to-hydrogen Electrolyzers Market Share Forecast by Type (2025-2030)

Figure 65. Global Water-to-hydrogen Electrolyzers Sales Forecast by Application (2025-2030)

Figure 66. Global Water-to-hydrogen Electrolyzers Market Share Forecast by Application (2025-2030)

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