

Electrolyzer Market Report by Product (Alkaline Electrolyzer, PEM Electrolyzer, Solid Oxide Electrolyzer), Capacity (Less than 500 kW, 500 kW to 2 MW, Above 2 MW), Application (Power Generation, Transportation, Industry Energy, Industry Feedstock, Building Heat and Power, and Others), and Region 2023-2028

<https://marketpublishers.com/r/EEA5C21909CFEN.html>

Date: November 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: EEA5C21909CFEN

Abstracts

The global electrolyzer market size reached US\$ 461.7 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 796.3 Million by 2028, exhibiting a growth rate (CAGR) of 9.51% during 2022-2028. Numerous government initiatives promoting renewable energy, the growing demand for hydrogen in various sectors, an enhanced focus on sustainable development and continual advancements in technologies are some of the major factors propelling the market.

An electrolyzer is a device that utilizes an electrochemical process known as electrolysis to split water or other compounds into their constituent elements. It consists of an electrolyte solution and two electrodes, typically made of conductive materials such as metals or metal oxides. When an electric current is passed through the electrolyte, it triggers chemical reactions at the electrodes. They play a crucial role in the production of hydrogen, which is considered a clean and versatile energy carrier. By utilizing renewable electricity, they can produce green hydrogen, which has significant potential in applications such as fuel cells, energy storage, transportation, and industrial processes.

The integration of renewable energy sources is a significant driving factor for the market. Renewable energy, such as solar and wind power, exhibits intermittent

generation patterns. Electrolyzers provide a solution for converting excess renewable energy into hydrogen through water electrolysis during periods of high generation. This process allows for energy storage and grid balancing, effectively addressing the intermittency challenge of renewables. Moreover, the growing interest in utilizing hydrogen as a fuel for transportation, heating, and power generation is creating a positive outlook for the market. Additionally, various applications like steel production, ammonia production, and synthetic fuels are exploring the integration of hydrogen to reduce carbon emissions, which is propelling the market growth. Continual advancements in technologies are further contributing to the expansion of the global market.

Electrolyzer Market Trends/Drivers:

Favorable Government Initiatives and Policies

The implementation of numerous favorable government initiatives and policies have a significant impact on the market. Various countries around the world are actively promoting the adoption of renewable energy sources and decarbonization strategies, and electrolyzers play a crucial role in these efforts. Governments are implementing supportive policies such as subsidies, grants, tax incentives, and favorable regulations to accelerate the deployment of electrolyzers and the production of hydrogen. These initiatives aim to stimulate investment in electrolysis technologies, encourage research and development, and create a conducive market environment. The presence of robust government support provides stability and confidence for investors and stakeholders, fostering the growth of the market.

Growing Demand for Hydrogen

The increasing demand for hydrogen is another key factor driving the market. Hydrogen is gaining attention as a clean and versatile energy carrier with the potential to decarbonize various sectors such as transportation, industry, and power generation. They are essential for the production of hydrogen, especially green hydrogen, which is generated through electrolysis using renewable energy sources. The rising demand for hydrogen as a fuel for fuel cells, a feedstock for industrial processes, and a storage medium for renewable energy is creating a significant market opportunity for manufacturers. The growing interest in hydrogen as a sustainable energy solution is driving investments in technologies and contributing to the expansion of the market.

Technological Advancements and Cost Reduction

Technological advancements and cost reduction is majorly driving the market growth. Over the years, significant progress has been made in technologies, leading to improved efficiency, scalability, and durability. Research and development efforts have focused on enhancing catalyst materials, membrane technologies, electrode designs, and system integration. These advancements have resulted in higher performance, increased system lifetimes, and reduced maintenance requirements. As the costs of systems continue to decline, they become more economically viable and attractive to a wider range of applications and industries. Continual technological advancements and cost reduction efforts are augmenting market competitiveness, thereby expanding the market globally.

Electrolyzer Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global electrolyzer market report, along with forecasts at the global, regional and country levels from 2023-2028. Our report has categorized the market based on product, capacity and application.

Breakup by Product:

Alkaline Electrolyzer

PEM Electrolyzer

Solid Oxide Electrolyzer

Alkaline electrolyzer represents the largest market segment

The report has provided a detailed breakup and analysis of the market based on the product. This includes alkaline, PEM, and solid oxide electrolyzers. According to the report, alkaline electrolyzer represented the largest segment.

Alkaline electrolyzers are relatively cost efficient as compared to other types. This makes them an attractive option for applications where the primary focus is on producing hydrogen at a lower cost. The cost advantage of alkaline variants stems from the use of abundant and inexpensive materials, such as nickel-based catalysts, in the electrode construction. They also have high efficiency levels, contributing to their popularity. They can achieve high current densities, resulting in greater hydrogen production rates per unit of size. This efficiency makes them suitable for applications with high hydrogen demand, such as industrial processes and large-scale energy storage. Furthermore, their enhanced reliability and durability are contributing to their increased uptake. Their robust design and simpler operation make them less prone to

performance issues and easier to maintain.

Breakup by Capacity:

Less than 500 kW

500 kW to 2 MW

Above 2 MW

500 kW to 2 MW accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the capacity. This includes Less than 500 kW, 500 kW to 2 MW, and Above 2 MW.

According to the report, 500 kW to 2 MW represented the largest segment.

Electrolyzers within the 500 kW to 2 MW range are considered suitable for a wide range of applications, including industrial processes, energy storage, and hydrogen production for fueling stations. They offer a significant capacity to meet the demand for hydrogen in various sectors while remaining manageable in terms of installation space, operational requirements, and cost. Additionally, this capacity range aligns well with the needs of the emerging hydrogen economy. As the demand for hydrogen continues to grow, particularly in industries aiming to reduce carbon emissions and transition to cleaner energy sources, products in the 500 kW to 2 MW range provide a viable solution. They can cater to mid-sized hydrogen production requirements and contribute to the scaling up of hydrogen infrastructure.

Breakup by Application:

Power Generation

Transportation

Industry Energy

Industry Feedstock

Building Heat and Power

Others

Power generation represents the largest market segment

The report has provided a detailed breakup and analysis of the market based on the application. This includes power generation, transportation, industry energy, industry feedstock, building heat and power, and others. According to the report, power

generation represented the largest segment.

One of the main drivers for the significant product adoption in the power generation sector is the increasing focus on renewable energy integration. By utilizing excess renewable energy during periods of high generation, electrolyzers can convert and store it as hydrogen. This stored hydrogen can then be used as a flexible and clean energy source for power generation when renewable energy supply is low or intermittent. They enable the coupling of renewable energy sources with hydrogen production, thereby contributing to a more sustainable and reliable power generation system. Additionally, They offer a potential solution for the long-term storage of renewable energy. As renewable energy sources are subject to fluctuations and seasonal variations, electrolyzers can store the surplus energy during periods of high production and convert it into hydrogen, which can be stored for an extended period. This stored hydrogen can then be utilized during times of high demand or low renewable energy availability, ensuring a stable and continuous power supply.

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia
 - Indonesia
 - Others
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain
 - Russia
 - Others
- Latin America
 - Brazil

Mexico

Others

Middle East and Africa

Europe exhibits a clear dominance, accounting for the largest electrolyzer market share

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa.

Europe is continually making efforts to encourage renewable energy adoption and decarbonization. The region aims to reduce greenhouse gas emissions and transition to cleaner energy sources. This focus on sustainability has created a favorable environment for the development and deployment of electrolyzers, which are essential for renewable energy integration and hydrogen production. Several countries in this region have implemented supportive policies, such as feed-in tariffs, subsidies, and carbon pricing mechanisms, to incentivize the adoption of technologies and promote the growth of the hydrogen economy.

Moreover, Europe has a well-developed infrastructure and market for hydrogen. The region has made significant investments in hydrogen refueling stations, hydrogen-powered transportation, and hydrogen utilization in industrial processes. This existing infrastructure provides a solid foundation for the expansion of electrolyzer installations and the wider adoption of hydrogen as an energy carrier.

Competitive Landscape:

Top companies in the market are investing in research and development activities to improve technologies, enhance efficiency, increase durability, and reduce costs. R&D efforts focus on developing advanced materials, catalysts, and membrane technologies to optimize performance and address key challenges in the industry. They are continually developing and commercializing new models with improved features and capabilities. This includes developing products with higher production capacities, better integration with renewable energy sources, enhanced control systems, and improved safety features. The aim is to meet the evolving demands of various industries and applications. Apart from this, these major players are also forming partnerships and collaborations with other industry players, research institutions, and energy companies to leverage expertise, share knowledge, and accelerate technology development.

Collaborations enable companies to access new markets, jointly conduct research projects, and facilitate the integration of products into broader hydrogen value chains.

The report has provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Air Liquide S.A.
Air Products and Chemicals Inc.
Asahi Kasei Corporation
Cummins Inc.
ITM Power plc
Linde plc
McPhy Energy S.A.
Nel ASA
Plug Power Inc.
Siemens AG
Titanium Tantalum Products Limited
Toshiba Corporation

Recent Developments:

In 2022, Siemens AG secured an order from European Energy, a Danish developer and operator of green energy projects, for the delivery of an electrolyzer plant. The company is developing a large-scale commercial production facility of e-methanol, wherein the hydrogen will be provided by the 50 mega-watt (MW) plant by Siemens Energy. This is a crucial moment in the green transition as these companies aim to move forward with the decarbonization of the shipping industry.

Cummins Inc. announced the launch of Accelera by Cummins, a new brand for its New Power business unit, in 2023. It is expected to provide a diverse portfolio of zero-emissions solutions while empowering customers to accelerate their transition to a sustainable future. This will assist the company in achieving industry-wide decarbonization across diverse applications.

Air Liquide S.A. and Siemens AG formed a joint venture in 2022 for the European production of large-scale renewable hydrogen electrolyzers. Both the companies have agreed to offer R&D capacities to the co-development of next generation technologies within the framework of the partnership.

Key Questions Answered in This Report:

How has the global electrolyzer market performed so far, and how will it perform in the

coming years?

What are the drivers, restraints, and opportunities in the global electrolyzer market?

What is the impact of each driver, restraint, and opportunity on the global electrolyzer market?

What are the key regional markets?

Which countries represent the most attractive electrolyzer market?

What is the breakup of the market based on the product?

Which is the most attractive product in the electrolyzer market?

What is the breakup of the market based on the capacity?

Which is the most attractive capacity in the electrolyzer market?

What is the breakup of the market based on the application?

Which is the most attractive application in the electrolyzer market?

What is the competitive structure of the global electrolyzer market?

Who are the key players/companies in the global electrolyzer market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL ELECTROLYZER MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Alkaline Electrolyzer
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 PEM Electrolyzer
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Solid Oxide Electrolyzer

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY CAPACITY

- 7.1 Less than 500 kW
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 500 kW to 2 MW
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Above 2 MW
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Power Generation
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Transportation
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Industry Energy
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Industry Feedstock
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Building Heat and Power
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Air Liquide S.A.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Air Products and Chemicals Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Asahi Kasei Corporation
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Cummins Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 ITM Power plc
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Linde plc

- 14.3.6.1 Company Overview
- 14.3.6.2 Product Portfolio
- 14.3.6.3 Financials
- 14.3.7 McPhy Energy S.A.
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
- 14.3.8 Nel ASA
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Plug Power Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
- 14.3.10 Siemens AG
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Titanium Tantalum Products Limited
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Toshiba Corporation
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Electrolyzer Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Electrolyzer Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Electrolyzer Market Forecast: Breakup by Capacity (in Million US\$), 2023-2028

Table 4: Global: Electrolyzer Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Electrolyzer Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Electrolyzer Market: Competitive Structure

Table 7: Global: Electrolyzer Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Electrolyzer Market: Major Drivers and Challenges
- Figure 2: Global: Electrolyzer Market: Sales Value (in Million US\$), 2017-2022
- Figure 3: Global: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 4: Global: Electrolyzer Market: Breakup by Product (in %), 2022
- Figure 5: Global: Electrolyzer Market: Breakup by Capacity (in %), 2022
- Figure 6: Global: Electrolyzer Market: Breakup by Application (in %), 2022
- Figure 7: Global: Electrolyzer Market: Breakup by Region (in %), 2022
- Figure 8: Global: Electrolyzer (Alkaline Electrolyzer) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 9: Global: Electrolyzer (Alkaline Electrolyzer) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 10: Global: Electrolyzer (PEM Electrolyzer) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 11: Global: Electrolyzer (PEM Electrolyzer) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 12: Global: Electrolyzer (Solid Oxide Electrolyzer) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 13: Global: Electrolyzer (Solid Oxide Electrolyzer) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 14: Global: Electrolyzer (Less than 500 kW) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 15: Global: Electrolyzer (Less than 500 kW) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 16: Global: Electrolyzer (500 kW to 2 MW) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 17: Global: Electrolyzer (500 kW to 2 MW) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 18: Global: Electrolyzer (Above 2 MW) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 19: Global: Electrolyzer (Above 2 MW) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 20: Global: Electrolyzer (Power Generation) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 21: Global: Electrolyzer (Power Generation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Electrolyzer (Transportation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Electrolyzer (Transportation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Electrolyzer (Industry Energy) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Electrolyzer (Industry Energy) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Electrolyzer (Industry Feedstock) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Electrolyzer (Industry Feedstock) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Electrolyzer (Building Heat and Power) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Electrolyzer (Building Heat and Power) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Electrolyzer (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Electrolyzer (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: North America: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: North America: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: United States: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: United States: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Canada: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Canada: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Asia-Pacific: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Asia-Pacific: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: China: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: China: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Japan: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Japan: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: India: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: India: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: South Korea: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: South Korea: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 48: Australia: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Australia: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 50: Indonesia: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Indonesia: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 52: Others: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Others: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 54: Europe: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Europe: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 56: Germany: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Germany: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 58: France: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: France: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 60: United Kingdom: Electrolyzer Market: Sales Value (in Million US\$), 2017 &
2022

Figure 61: United Kingdom: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 62: Italy: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Italy: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Spain: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Spain: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Russia: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Russia: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 68: Others: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Electrolyzer Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 70: Latin America: Electrolyzer Market: Sales Value (in Million US\$), 2017 &
2022

Figure 71: Latin America: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Brazil: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Brazil: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Mexico: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Mexico: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Others: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Others: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Middle East and Africa: Electrolyzer Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Middle East and Africa: Electrolyzer Market: Breakup by Country (in %), 2022

Figure 80: Middle East and Africa: Electrolyzer Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Global: Electrolyzer Industry: SWOT Analysis

Figure 82: Global: Electrolyzer Industry: Value Chain Analysis

Figure 83: Global: Electrolyzer Industry: Porter's Five Forces Analysis

I would like to order

Product name: Electrolyzer Market Report by Product (Alkaline Electrolyzer, PEM Electrolyzer, Solid Oxide Electrolyzer), Capacity (Less than 500 kW, 500 kW to 2 MW, Above 2 MW), Application (Power Generation, Transportation, Industry Energy, Industry Feedstock, Building Heat and Power, and Others), and Region 2023-2028

Product link: <https://marketpublishers.com/r/EEA5C21909CFEN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EEA5C21909CFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970