

Global Alkaline Electrolyzer Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G8BBEE0FD2F2EN.html>

Date: March 2023

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: G8BBEE0FD2F2EN

Abstracts

According to our (Global Info Research) latest study, the global Alkaline Electrolyzer market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Alkaline electrolysis is a mature technology. Several megawatt industrial electrolyzers are used in the industry for the large-scale production of hydrogen in view of different end-uses. From an economic viewpoint, the lifetime of these systems (several tens of thousands of hours of operation) can be considered as satisfactory for continuous operation and is profitable. However, current alkaline electrolysis cells can hardly operate at very low current density, a limit in view of emerging markets of great potential. In particular, this is a limit in terms of flexibility in load-following operation, which will be required for operation with renewable energy sources.

This report is a detailed and comprehensive analysis for global Alkaline Electrolyzer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Alkaline Electrolyzer market size and forecasts, in consumption value (\$ Million),

sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Alkaline Electrolyzer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Alkaline Electrolyzer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Alkaline Electrolyzer market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Alkaline Electrolyzer

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Alkaline Electrolyzer market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Siemens, Nel Hydrogen, McPhy Energy, ITM Power and Hydrogenics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Alkaline Electrolyzer market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hydrogen Electrolyser

Water Electrolyser

Market segment by Application

Power Plants

Steel Plant

Electronics and Photovoltaics

Industrial Gases

Energy Storage or Fueling for FCEV's

Power to Gas

Others

Major players covered

Siemens

Nel Hydrogen

McPhy Energy

ITM Power

Hydrogenics

Tianjin Mainland Hydrogen Equipment

Areva H2Gen

Giner

ELB Elektrolysetechnik

GreenHydrogen

iGas Energy GmbH

Beijing CEI Technology

Accagen SA

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Alkaline Electrolyzer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Alkaline Electrolyzer, with price, sales, revenue and global market share of Alkaline Electrolyzer from 2018 to 2023.

Chapter 3, the Alkaline Electrolyzer competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Alkaline Electrolyzer breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Alkaline Electrolyzer market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Alkaline Electrolyzer.

Chapter 14 and 15, to describe Alkaline Electrolyzer sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Alkaline Electrolyzer
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Alkaline Electrolyzer Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Hydrogen Electrolyser
 - 1.3.3 Water Electrolyser
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Alkaline Electrolyzer Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Power Plants
 - 1.4.3 Steel Plant
 - 1.4.4 Electronics and Photovoltaics
 - 1.4.5 Industrial Gases
 - 1.4.6 Energy Storage or Fueling for FCEV's
 - 1.4.7 Power to Gas
 - 1.4.8 Others
- 1.5 Global Alkaline Electrolyzer Market Size & Forecast
 - 1.5.1 Global Alkaline Electrolyzer Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Alkaline Electrolyzer Sales Quantity (2018-2029)
 - 1.5.3 Global Alkaline Electrolyzer Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Siemens
 - 2.1.1 Siemens Details
 - 2.1.2 Siemens Major Business
 - 2.1.3 Siemens Alkaline Electrolyzer Product and Services
 - 2.1.4 Siemens Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Siemens Recent Developments/Updates
- 2.2 Nel Hydrogen
 - 2.2.1 Nel Hydrogen Details
 - 2.2.2 Nel Hydrogen Major Business
 - 2.2.3 Nel Hydrogen Alkaline Electrolyzer Product and Services

2.2.4 Nel Hydrogen Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Nel Hydrogen Recent Developments/Updates

2.3 McPhy Energy

2.3.1 McPhy Energy Details

2.3.2 McPhy Energy Major Business

2.3.3 McPhy Energy Alkaline Electrolyzer Product and Services

2.3.4 McPhy Energy Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 McPhy Energy Recent Developments/Updates

2.4 ITM Power

2.4.1 ITM Power Details

2.4.2 ITM Power Major Business

2.4.3 ITM Power Alkaline Electrolyzer Product and Services

2.4.4 ITM Power Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 ITM Power Recent Developments/Updates

2.5 Hydrogenics

2.5.1 Hydrogenics Details

2.5.2 Hydrogenics Major Business

2.5.3 Hydrogenics Alkaline Electrolyzer Product and Services

2.5.4 Hydrogenics Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Hydrogenics Recent Developments/Updates

2.6 Tianjin Mainland Hydrogen Equipment

2.6.1 Tianjin Mainland Hydrogen Equipment Details

2.6.2 Tianjin Mainland Hydrogen Equipment Major Business

2.6.3 Tianjin Mainland Hydrogen Equipment Alkaline Electrolyzer Product and Services

2.6.4 Tianjin Mainland Hydrogen Equipment Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Tianjin Mainland Hydrogen Equipment Recent Developments/Updates

2.7 Areva H2Gen

2.7.1 Areva H2Gen Details

2.7.2 Areva H2Gen Major Business

2.7.3 Areva H2Gen Alkaline Electrolyzer Product and Services

2.7.4 Areva H2Gen Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Areva H2Gen Recent Developments/Updates

2.8 Giner

2.8.1 Giner Details

2.8.2 Giner Major Business

2.8.3 Giner Alkaline Electrolyzer Product and Services

2.8.4 Giner Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Giner Recent Developments/Updates

2.9 ELB Elektrolysetechnik

2.9.1 ELB Elektrolysetechnik Details

2.9.2 ELB Elektrolysetechnik Major Business

2.9.3 ELB Elektrolysetechnik Alkaline Electrolyzer Product and Services

2.9.4 ELB Elektrolysetechnik Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 ELB Elektrolysetechnik Recent Developments/Updates

2.10 GreenHydrogen

2.10.1 GreenHydrogen Details

2.10.2 GreenHydrogen Major Business

2.10.3 GreenHydrogen Alkaline Electrolyzer Product and Services

2.10.4 GreenHydrogen Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 GreenHydrogen Recent Developments/Updates

2.11 iGas Energy GmbH

2.11.1 iGas Energy GmbH Details

2.11.2 iGas Energy GmbH Major Business

2.11.3 iGas Energy GmbH Alkaline Electrolyzer Product and Services

2.11.4 iGas Energy GmbH Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 iGas Energy GmbH Recent Developments/Updates

2.12 Beijing CEI Technology

2.12.1 Beijing CEI Technology Details

2.12.2 Beijing CEI Technology Major Business

2.12.3 Beijing CEI Technology Alkaline Electrolyzer Product and Services

2.12.4 Beijing CEI Technology Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Beijing CEI Technology Recent Developments/Updates

2.13 Accagen SA

2.13.1 Accagen SA Details

2.13.2 Accagen SA Major Business

2.13.3 Accagen SA Alkaline Electrolyzer Product and Services

2.13.4 Accagen SA Alkaline Electrolyzer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Accagen SA Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ALKALINE ELECTROLYZER BY MANUFACTURER

3.1 Global Alkaline Electrolyzer Sales Quantity by Manufacturer (2018-2023)

3.2 Global Alkaline Electrolyzer Revenue by Manufacturer (2018-2023)

3.3 Global Alkaline Electrolyzer Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Alkaline Electrolyzer by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Alkaline Electrolyzer Manufacturer Market Share in 2022

3.4.2 Top 6 Alkaline Electrolyzer Manufacturer Market Share in 2022

3.5 Alkaline Electrolyzer Market: Overall Company Footprint Analysis

3.5.1 Alkaline Electrolyzer Market: Region Footprint

3.5.2 Alkaline Electrolyzer Market: Company Product Type Footprint

3.5.3 Alkaline Electrolyzer Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Alkaline Electrolyzer Market Size by Region

4.1.1 Global Alkaline Electrolyzer Sales Quantity by Region (2018-2029)

4.1.2 Global Alkaline Electrolyzer Consumption Value by Region (2018-2029)

4.1.3 Global Alkaline Electrolyzer Average Price by Region (2018-2029)

4.2 North America Alkaline Electrolyzer Consumption Value (2018-2029)

4.3 Europe Alkaline Electrolyzer Consumption Value (2018-2029)

4.4 Asia-Pacific Alkaline Electrolyzer Consumption Value (2018-2029)

4.5 South America Alkaline Electrolyzer Consumption Value (2018-2029)

4.6 Middle East and Africa Alkaline Electrolyzer Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Alkaline Electrolyzer Sales Quantity by Type (2018-2029)

5.2 Global Alkaline Electrolyzer Consumption Value by Type (2018-2029)

5.3 Global Alkaline Electrolyzer Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 6.2 Global Alkaline Electrolyzer Consumption Value by Application (2018-2029)
- 6.3 Global Alkaline Electrolyzer Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America Alkaline Electrolyzer Sales Quantity by Type (2018-2029)
- 7.2 North America Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 7.3 North America Alkaline Electrolyzer Market Size by Country
 - 7.3.1 North America Alkaline Electrolyzer Sales Quantity by Country (2018-2029)
 - 7.3.2 North America Alkaline Electrolyzer Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Alkaline Electrolyzer Sales Quantity by Type (2018-2029)
- 8.2 Europe Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 8.3 Europe Alkaline Electrolyzer Market Size by Country
 - 8.3.1 Europe Alkaline Electrolyzer Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Alkaline Electrolyzer Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)
 - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
 - 8.3.6 Russia Market Size and Forecast (2018-2029)
 - 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Alkaline Electrolyzer Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Alkaline Electrolyzer Market Size by Region
 - 9.3.1 Asia-Pacific Alkaline Electrolyzer Sales Quantity by Region (2018-2029)
 - 9.3.2 Asia-Pacific Alkaline Electrolyzer Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)

- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Alkaline Electrolyzer Sales Quantity by Type (2018-2029)
- 10.2 South America Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 10.3 South America Alkaline Electrolyzer Market Size by Country
 - 10.3.1 South America Alkaline Electrolyzer Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Alkaline Electrolyzer Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Alkaline Electrolyzer Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Alkaline Electrolyzer Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Alkaline Electrolyzer Market Size by Country
 - 11.3.1 Middle East & Africa Alkaline Electrolyzer Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa Alkaline Electrolyzer Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Alkaline Electrolyzer Market Drivers
- 12.2 Alkaline Electrolyzer Market Restraints
- 12.3 Alkaline Electrolyzer Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants

- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Alkaline Electrolyzer and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Alkaline Electrolyzer
- 13.3 Alkaline Electrolyzer Production Process
- 13.4 Alkaline Electrolyzer Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Alkaline Electrolyzer Typical Distributors
- 14.3 Alkaline Electrolyzer Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Alkaline Electrolyzer Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Alkaline Electrolyzer Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Siemens Basic Information, Manufacturing Base and Competitors
- Table 4. Siemens Major Business
- Table 5. Siemens Alkaline Electrolyzer Product and Services
- Table 6. Siemens Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Siemens Recent Developments/Updates
- Table 8. Nel Hydrogen Basic Information, Manufacturing Base and Competitors
- Table 9. Nel Hydrogen Major Business
- Table 10. Nel Hydrogen Alkaline Electrolyzer Product and Services
- Table 11. Nel Hydrogen Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Nel Hydrogen Recent Developments/Updates
- Table 13. McPhy Energy Basic Information, Manufacturing Base and Competitors
- Table 14. McPhy Energy Major Business
- Table 15. McPhy Energy Alkaline Electrolyzer Product and Services
- Table 16. McPhy Energy Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. McPhy Energy Recent Developments/Updates
- Table 18. ITM Power Basic Information, Manufacturing Base and Competitors
- Table 19. ITM Power Major Business
- Table 20. ITM Power Alkaline Electrolyzer Product and Services
- Table 21. ITM Power Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 22. ITM Power Recent Developments/Updates
- Table 23. Hydrogenics Basic Information, Manufacturing Base and Competitors
- Table 24. Hydrogenics Major Business
- Table 25. Hydrogenics Alkaline Electrolyzer Product and Services
- Table 26. Hydrogenics Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Hydrogenics Recent Developments/Updates
- Table 28. Tianjin Mainland Hydrogen Equipment Basic Information, Manufacturing Base

and Competitors

Table 29. Tianjin Mainland Hydrogen Equipment Major Business

Table 30. Tianjin Mainland Hydrogen Equipment Alkaline Electrolyzer Product and Services

Table 31. Tianjin Mainland Hydrogen Equipment Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Tianjin Mainland Hydrogen Equipment Recent Developments/Updates

Table 33. Areva H2Gen Basic Information, Manufacturing Base and Competitors

Table 34. Areva H2Gen Major Business

Table 35. Areva H2Gen Alkaline Electrolyzer Product and Services

Table 36. Areva H2Gen Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Areva H2Gen Recent Developments/Updates

Table 38. Giner Basic Information, Manufacturing Base and Competitors

Table 39. Giner Major Business

Table 40. Giner Alkaline Electrolyzer Product and Services

Table 41. Giner Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Giner Recent Developments/Updates

Table 43. ELB Elektrolysetechnik Basic Information, Manufacturing Base and Competitors

Table 44. ELB Elektrolysetechnik Major Business

Table 45. ELB Elektrolysetechnik Alkaline Electrolyzer Product and Services

Table 46. ELB Elektrolysetechnik Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. ELB Elektrolysetechnik Recent Developments/Updates

Table 48. GreenHydrogen Basic Information, Manufacturing Base and Competitors

Table 49. GreenHydrogen Major Business

Table 50. GreenHydrogen Alkaline Electrolyzer Product and Services

Table 51. GreenHydrogen Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. GreenHydrogen Recent Developments/Updates

Table 53. iGas Energy GmbH Basic Information, Manufacturing Base and Competitors

Table 54. iGas Energy GmbH Major Business

Table 55. iGas Energy GmbH Alkaline Electrolyzer Product and Services

Table 56. iGas Energy GmbH Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. iGas Energy GmbH Recent Developments/Updates

Table 58. Beijing CEI Technology Basic Information, Manufacturing Base and Competitors

Table 59. Beijing CEI Technology Major Business

Table 60. Beijing CEI Technology Alkaline Electrolyzer Product and Services

Table 61. Beijing CEI Technology Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Beijing CEI Technology Recent Developments/Updates

Table 63. Accagen SA Basic Information, Manufacturing Base and Competitors

Table 64. Accagen SA Major Business

Table 65. Accagen SA Alkaline Electrolyzer Product and Services

Table 66. Accagen SA Alkaline Electrolyzer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Accagen SA Recent Developments/Updates

Table 68. Global Alkaline Electrolyzer Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 69. Global Alkaline Electrolyzer Revenue by Manufacturer (2018-2023) & (USD Million)

Table 70. Global Alkaline Electrolyzer Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 71. Market Position of Manufacturers in Alkaline Electrolyzer, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 72. Head Office and Alkaline Electrolyzer Production Site of Key Manufacturer

Table 73. Alkaline Electrolyzer Market: Company Product Type Footprint

Table 74. Alkaline Electrolyzer Market: Company Product Application Footprint

Table 75. Alkaline Electrolyzer New Market Entrants and Barriers to Market Entry

Table 76. Alkaline Electrolyzer Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global Alkaline Electrolyzer Sales Quantity by Region (2018-2023) & (K Units)

Table 78. Global Alkaline Electrolyzer Sales Quantity by Region (2024-2029) & (K Units)

Table 79. Global Alkaline Electrolyzer Consumption Value by Region (2018-2023) & (USD Million)

Table 80. Global Alkaline Electrolyzer Consumption Value by Region (2024-2029) & (USD Million)

Table 81. Global Alkaline Electrolyzer Average Price by Region (2018-2023) & (US\$/Unit)

Table 82. Global Alkaline Electrolyzer Average Price by Region (2024-2029) &

(US\$/Unit)

Table 83. Global Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 84. Global Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 85. Global Alkaline Electrolyzer Consumption Value by Type (2018-2023) & (USD Million)

Table 86. Global Alkaline Electrolyzer Consumption Value by Type (2024-2029) & (USD Million)

Table 87. Global Alkaline Electrolyzer Average Price by Type (2018-2023) & (US\$/Unit)

Table 88. Global Alkaline Electrolyzer Average Price by Type (2024-2029) & (US\$/Unit)

Table 89. Global Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 90. Global Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 91. Global Alkaline Electrolyzer Consumption Value by Application (2018-2023) & (USD Million)

Table 92. Global Alkaline Electrolyzer Consumption Value by Application (2024-2029) & (USD Million)

Table 93. Global Alkaline Electrolyzer Average Price by Application (2018-2023) & (US\$/Unit)

Table 94. Global Alkaline Electrolyzer Average Price by Application (2024-2029) & (US\$/Unit)

Table 95. North America Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 96. North America Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 97. North America Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 98. North America Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 99. North America Alkaline Electrolyzer Sales Quantity by Country (2018-2023) & (K Units)

Table 100. North America Alkaline Electrolyzer Sales Quantity by Country (2024-2029) & (K Units)

Table 101. North America Alkaline Electrolyzer Consumption Value by Country (2018-2023) & (USD Million)

Table 102. North America Alkaline Electrolyzer Consumption Value by Country (2024-2029) & (USD Million)

Table 103. Europe Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 104. Europe Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 105. Europe Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 106. Europe Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 107. Europe Alkaline Electrolyzer Sales Quantity by Country (2018-2023) & (K Units)

Table 108. Europe Alkaline Electrolyzer Sales Quantity by Country (2024-2029) & (K Units)

Table 109. Europe Alkaline Electrolyzer Consumption Value by Country (2018-2023) & (USD Million)

Table 110. Europe Alkaline Electrolyzer Consumption Value by Country (2024-2029) & (USD Million)

Table 111. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 112. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 113. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 114. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 115. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Region (2018-2023) & (K Units)

Table 116. Asia-Pacific Alkaline Electrolyzer Sales Quantity by Region (2024-2029) & (K Units)

Table 117. Asia-Pacific Alkaline Electrolyzer Consumption Value by Region (2018-2023) & (USD Million)

Table 118. Asia-Pacific Alkaline Electrolyzer Consumption Value by Region (2024-2029) & (USD Million)

Table 119. South America Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 120. South America Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 121. South America Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 122. South America Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 123. South America Alkaline Electrolyzer Sales Quantity by Country (2018-2023) & (K Units)

Table 124. South America Alkaline Electrolyzer Sales Quantity by Country (2024-2029)

& (K Units)

Table 125. South America Alkaline Electrolyzer Consumption Value by Country (2018-2023) & (USD Million)

Table 126. South America Alkaline Electrolyzer Consumption Value by Country (2024-2029) & (USD Million)

Table 127. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Type (2018-2023) & (K Units)

Table 128. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Type (2024-2029) & (K Units)

Table 129. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Application (2018-2023) & (K Units)

Table 130. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Application (2024-2029) & (K Units)

Table 131. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Region (2018-2023) & (K Units)

Table 132. Middle East & Africa Alkaline Electrolyzer Sales Quantity by Region (2024-2029) & (K Units)

Table 133. Middle East & Africa Alkaline Electrolyzer Consumption Value by Region (2018-2023) & (USD Million)

Table 134. Middle East & Africa Alkaline Electrolyzer Consumption Value by Region (2024-2029) & (USD Million)

Table 135. Alkaline Electrolyzer Raw Material

Table 136. Key Manufacturers of Alkaline Electrolyzer Raw Materials

Table 137. Alkaline Electrolyzer Typical Distributors

Table 138. Alkaline Electrolyzer Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Alkaline Electrolyzer Picture

Figure 2. Global Alkaline Electrolyzer Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Alkaline Electrolyzer Consumption Value Market Share by Type in 2022

Figure 4. Hydrogen Electrolyser Examples

Figure 5. Water Electrolyser Examples

Figure 6. Global Alkaline Electrolyzer Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Alkaline Electrolyzer Consumption Value Market Share by Application in 2022

Figure 8. Power Plants Examples

Figure 9. Steel Plant Examples

Figure 10. Electronics and Photovoltaics Examples

Figure 11. Industrial Gases Examples

Figure 12. Energy Storage or Fueling for FCEV's Examples

Figure 13. Power to Gas Examples

Figure 14. Others Examples

Figure 15. Global Alkaline Electrolyzer Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 16. Global Alkaline Electrolyzer Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Alkaline Electrolyzer Sales Quantity (2018-2029) & (K Units)

Figure 18. Global Alkaline Electrolyzer Average Price (2018-2029) & (US\$/Unit)

Figure 19. Global Alkaline Electrolyzer Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Alkaline Electrolyzer Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Alkaline Electrolyzer by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Alkaline Electrolyzer Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Alkaline Electrolyzer Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Global Alkaline Electrolyzer Sales Quantity Market Share by Region

(2018-2029)

Figure 25. Global Alkaline Electrolyzer Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Alkaline Electrolyzer Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Alkaline Electrolyzer Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Alkaline Electrolyzer Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Alkaline Electrolyzer Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Alkaline Electrolyzer Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Alkaline Electrolyzer Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Alkaline Electrolyzer Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Alkaline Electrolyzer Average Price by Type (2018-2029) & (US\$/Unit)

Figure 34. Global Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Alkaline Electrolyzer Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Alkaline Electrolyzer Average Price by Application (2018-2029) & (US\$/Unit)

Figure 37. North America Alkaline Electrolyzer Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Alkaline Electrolyzer Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Alkaline Electrolyzer Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Alkaline Electrolyzer Sales Quantity Market Share by Type

(2018-2029)

Figure 45. Europe Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Alkaline Electrolyzer Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Alkaline Electrolyzer Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Alkaline Electrolyzer Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Alkaline Electrolyzer Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Alkaline Electrolyzer Consumption Value Market Share by Region (2018-2029)

Figure 57. China Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. South America Alkaline Electrolyzer Sales Quantity Market Share by Type (2018-2029)

Figure 64. South America Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Alkaline Electrolyzer Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Alkaline Electrolyzer Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Alkaline Electrolyzer Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa Alkaline Electrolyzer Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Alkaline Electrolyzer Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Alkaline Electrolyzer Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Alkaline Electrolyzer Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Alkaline Electrolyzer Market Drivers

Figure 78. Alkaline Electrolyzer Market Restraints

Figure 79. Alkaline Electrolyzer Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Alkaline Electrolyzer in 2022

Figure 82. Manufacturing Process Analysis of Alkaline Electrolyzer

Figure 83. Alkaline Electrolyzer Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

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