

# Global Water Electrolytic Cell Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Water Electrolytic Cell market size was valued at USD 215.2 million in 2023 and is forecast to a readjusted size of USD 968.6 million by 2030 with a CAGR of 24.0% during review period.

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

Global core water electrolytic cell manufactures include Suzhou Jingli, 718th Research Institute of CSIC, Proton On-Site etc. The top 2 companies hold a share about 38%. Asia-Pacific is the largest market, with a share about 58%, followed by Europe and North America with the share about 26% and 10%. In terms of product, traditional alkaline electroliser is the largest segment, with a share over 71%. And in terms of application, the largest application is energy storage or fueling for FCEV's, followed by power to gas and industrial gases.

The Global Info Research report includes an overview of the development of the Water Electrolytic Cell industry chain, the market status of Power (Traditional Alkaline Electroliser, PEM Electroliser), Steel (Traditional Alkaline Electroliser, PEM Electroliser), and key enterprises in developed and developing market, and analysed the cuttingedge technology, patent, hot applications and market trends of Water Electrolytic Cell.



Regionally, the report analyzes the Water Electrolytic Cell markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Water Electrolytic Cell market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Water Electrolytic Cell market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Water Electrolytic Cell industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Traditional Alkaline Electroliser, PEM Electroliser).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Water Electrolytic Cell market.

Regional Analysis: The report involves examining the Water Electrolytic Cell market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Water Electrolytic Cell market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Water Electrolytic Cell:

Company Analysis: Report covers individual Water Electrolytic Cell manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and



strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Water Electrolytic Cell This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Power, Steel).

Technology Analysis: Report covers specific technologies relevant to Water Electrolytic Cell. It assesses the current state, advancements, and potential future developments in Water Electrolytic Cell areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Water Electrolytic Cell market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Water Electrolytic Cell market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Traditional Alkaline Electroliser

PEM Electroliser

Market segment by Application

Power

Steel

**Electronics and Photovoltaics** 



	Industrial Gases	
	Energy Storage or Fueling for FCEV's	
	Power to Gas	
	Others	
Major players covered		
	718th Research Institute of CSIC	
	Suzhou Jingli	
	Proton On-Site	
	Cummins	
	Siemens	
	Teledyne Energy Systems	
	EM Solution	
	McPhy	
	Nel Hydrogen	
	Toshiba	
	TianJin Mainland	
	Yangzhou Chungdean Hydrogen Equipment	
	Elogen	
	Erredue SpA	



Kobel	Ico Eco-Solutions	
ITM P	ower ·	
Idroer	nergy Spa	
Shaar	nXi HuaQin	
Beijing	g Zhongdian	
Elchei	mtech	
H2B2		
Verde	LLC	
North Europ Asia-F South	ent by region, regional analysis covers  America (United States, Canada and Mexico)  De (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  America (Brazil, Argentina, Colombia, and Rest of South America)  De East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of	
	e East & Africa)	
The content of the study subjects, includes a total of 15 chapters:		

Chapter 2, to profile the top manufacturers of Water Electrolytic Cell, with price, sales,

Chapter 1, to describe Water Electrolytic Cell product scope, market overview, market

revenue and global market share of Water Electrolytic Cell from 2019 to 2024.

estimation caveats and base year.



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

Chapter 4, the Water Electrolytic Cell breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023.and Water Electrolytic Cell market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Water Electrolytic Cell.

Chapter 14 and 15, to describe Water Electrolytic Cell sales channel, distributors, customers, research findings and conclusion.



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