

# Global Water Electrolysis System Market Growth 2025-2031

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## Abstracts

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

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

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

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

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

System industry.

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

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

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

### **Segmentation by Type:**

Traditional Alkaline Electroliser

PEM Electroliser

### **Segmentation by Application:**

Power Plants

Steel Plant

Electronics and Photovoltaics

Industrial Gases

Energy Storage or Fueling for FCEV's

Others

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Proton On-Site

718th Research Institute of CSIC

Teledyne Energy Systems

Hydrogenics

Nel Hydrogen

Suzhou Jingli

Beijing Zhongdian

McPhy

Siemens

TianJin Mainland

Areva H2gen

Yangzhou Chungdean Hydrogen Equipment

Asahi Kasei

Idroenergy Spa

Erredue SpA

ShaanXi HuaQin

Kobelco Eco-Solutions

ITM Power

Toshiba

Thyssenkrupp

H2B2

Verde LLC

## **Key Questions Addressed in this Report**

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

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

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

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

How does Water Electrolysis System break out by Type, by Application?

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