

Global AEM Water Electrolytic Hydrogen Production System Supply, Demand and Key Producers, 2024-2030

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Abstracts

The global AEM Water Electrolytic Hydrogen Production System market size is expected to reach \$ 2131 million by 2030, rising at a market growth of 5.5% CAGR during the forecast period (2024-2030).

Anion exchange membrane (AEM) electrolysis is the electrolysis of water that utilises a semipermeable membrane that conducts hydroxide ions (OH⁻) called an anion exchange membrane. Like a proton-exchange membrane (PEM), the membrane separates the products, provides electrical insulation between electrodes, and conducts ions. Unlike PEM, AEM conducts hydroxide ions. The major advantage of AEM water electrolysis is that a high-cost noble metal catalyst is not required, low-cost transition metal catalyst can be used instead. AEM electrolysis is similar to alkaline water electrolysis, which uses a non-ion-selective separator instead of an anion-exchange membrane.

This report studies the global AEM Water Electrolytic Hydrogen Production System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AEM Water Electrolytic Hydrogen Production System, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of AEM Water Electrolytic Hydrogen Production System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AEM Water Electrolytic Hydrogen Production System total production and demand, 2019-2030, (K Units)

Global AEM Water Electrolytic Hydrogen Production System total production value, 2019-2030, (USD Million)

Global AEM Water Electrolytic Hydrogen Production System production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global AEM Water Electrolytic Hydrogen Production System consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: AEM Water Electrolytic Hydrogen Production System domestic production, consumption, key domestic manufacturers and share

Global AEM Water Electrolytic Hydrogen Production System production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global AEM Water Electrolytic Hydrogen Production System production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global AEM Water Electrolytic Hydrogen Production System production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global AEM Water Electrolytic Hydrogen Production System 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 Enapter, Enerstack, H2 Core Systems GmbH, SunGreenH2, Hydrolite, Beijing SinoHy Energy Co., Ltd., Huizhou Yiwei Hydrogen Energy Co., Ltd., CPU Hydrogen Power Technology (Suzhou) Co., Ltd. and SPF Hydrogen Energy Technology Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AEM Water Electrolytic Hydrogen Production System

market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global AEM Water Electrolytic Hydrogen Production System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AEM Water Electrolytic Hydrogen Production System Market, Segmentation by Type

?500L/h

500L/h-1000L/h

?1000L/h

Global AEM Water Electrolytic Hydrogen Production System Market, Segmentation by Application

Small Gas Station

Residential Energy Storage

Commercial Energy Storage

Laboratory

Others

Companies Profiled:

Enapter

Enerstack

H2 Core Systems GmbH

SunGreenH2

Hydrolite

Beijing SinoHy Energy Co., Ltd.

Huizhou Yiwei Hydrogen Energy Co., Ltd.

CPU Hydrogen Power Technology (Suzhou) Co., Ltd.

SPF Hydrogen Energy Technology Co., Ltd.

Shaanxi Qintitanium Hydrogen Metal Co., Ltd.

Baoji Jiujiu Titanium Industrial Co., Ltd.

Key Questions Answered

1. How big is the global AEM Water Electrolytic Hydrogen Production System market?
2. What is the demand of the global AEM Water Electrolytic Hydrogen Production System market?
3. What is the year over year growth of the global AEM Water Electrolytic Hydrogen Production System market?
4. What is the production and production value of the global AEM Water Electrolytic Hydrogen Production System market?
5. Who are the key producers in the global AEM Water Electrolytic Hydrogen Production System market?

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