

Hydrogen Generation by Water Electrolysis Market, Global Outlook and Forecast 2022-2028

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Abstracts

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 an electrolyzer. Electrolyzers 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.

This report contains market size and forecasts of Hydrogen Generation by Water Electrolysis in global, including the following market information:

Global Hydrogen Generation by Water Electrolysis Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Hydrogen Generation by Water Electrolysis Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Hydrogen Generation by Water Electrolysis companies in 2021 (%)

The global Hydrogen Generation by Water Electrolysis market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.



Alkaline Water Electrolysis Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Hydrogen Generation by Water Electrolysis include Siemens AG, H2-Industries SE, Suzhou Jingli Hydrogen Production Equipment, Enapter, Proton OnSite, Giner, Ionomr Innovations, Tianjin Mainland Hydrogen Equipment and Chunhua Hydrogen Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Hydrogen Generation by Water Electrolysis manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Hydrogen Generation by Water Electrolysis Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrogen Generation by Water Electrolysis Market Segment Percentages, by Type, 2021 (%)

Alkaline Water Electrolysis

Proton Exchange membrane (PEM) Electrolysis

Global Hydrogen Generation by Water Electrolysis Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrogen Generation by Water Electrolysis Market Segment Percentages, by Application, 2021 (%)

New Energy Vehicles

Research Institutions

Emergency Response System



Global Hydrogen Generation by Water Electrolysis Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Hydrogen Generation by Water Electrolysis Market Segment Percentages, By Region and Country, 2021 (%)

North America		
	US	
	Canada	
	Mexico	
Europe		
	Germany	
	France	
	U.K.	
	Italy	
	Russia	
	Nordic Countries	
	Benelux	
	Rest of Europe	
Asia		
	China	
	Japan	



South Korea		
Southeast Asia		
India		
Rest of Asia		
South America		
Brazil		
Argentina		
Rest of South America		
Middle East & Africa		
Turkey		
Israel		
Saudi Arabia		
UAE		
Rest of Middle East & Africa		
Competitor Analysis		
The report also provides analysis of leading market participants including:		
Key companies Hydrogen Generation by Water Electrolysis revenues in global market,		

Hydrogen Generation by Water Electrolysis Market, Global Outlook and Forecast 2022-2028

Key companies Hydrogen Generation by Water Electrolysis revenues share in global

2017-2022 (Estimated), (\$ millions)

market, 2021 (%)



Key companies Hydrogen Generation by Water Electrolysis sales in global market, 2017-2022 (Estimated), (Tons)

Key companies Hydrogen Generation by Water Electrolysis sales share in global market, 2021 (%)

y players include: Furthe

ner, the report presents profiles of competitors in the market, key		
	Siemens AG	
	H2-Industries SE	
	Suzhou Jingli Hydrogen Production Equipment	
	Enapter	
	Proton OnSite	
	Giner	
	Ionomr Innovations	
	Tianjin Mainland Hydrogen Equipment	
	Chunhua Hydrogen Technology	
	Cummins	
	Yangzhou Zhongdian Hydrogen Production Equipment	
	Industrie De Nora S.p.A.	
	McPhy Energy S.A.	
	Shandong Saikesaisi Hydrogen Energy	
	Teledyne Energy Systems	



Gaztransport & Technigaz
ITM Power
Toshiba
Elchemtech
Nel Hydrogen



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