

Hydrogen Fuel Cell Stack and System Market, Global Outlook and Forecast 2022-2028

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Abstracts

Fuel cell stack is the heart of hydrogen energy vehicle. Fuel cell stack is mainly composed of catalyst, proton exchange membrane, gas diffusion layer, bipolar plate, and other structural parts such as seals, end plates and current collector plates. The cost of the fuel cell stack accounts for more than 60% of the cost of the fuel cell system, so reducing the cost of the stack is the key to the commercialization of fuel cell vehicles. The membrane electrode and the bipolar plates on both sides constitute the basic unit of the fuel cell

This report contains market size and forecasts of Hydrogen Fuel Cell Stack and System in global, including the following market information:

Global Hydrogen Fuel Cell Stack and System Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Hydrogen Fuel Cell Stack and System Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Hydrogen Fuel Cell Stack and System companies in 2021 (%)

The global Hydrogen Fuel Cell Stack and System 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.

Below 80 KW Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Hydrogen Fuel Cell Stack and System include Intelligent Energy, Ballard, Hydrogenics, PowerCell, Nedstack, Dana Incorporated, balticFuelCells, Nissan and Schunk Bahn-und Industrietechnik, 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 Fuel Cell Stack and System 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 Fuel Cell Stack and System Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hydrogen Fuel Cell Stack and System Market Segment Percentages, by Type, 2021 (%)

Below 80 KW

80 KW-120 KW

Above 120 KW

Global Hydrogen Fuel Cell Stack and System Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hydrogen Fuel Cell Stack and System Market Segment Percentages, by Application, 2021 (%)

Commercial Vehicle

Passenger Vehicle

Global Hydrogen Fuel Cell Stack and System Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Hydrogen Fuel Cell Stack and System 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 Fuel Cell Stack and System revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Hydrogen Fuel Cell Stack and System revenues share in global market, 2021 (%)

Key companies Hydrogen Fuel Cell Stack and System sales in global market,

2017-2022 (Estimated), (K Units)

Key companies Hydrogen Fuel Cell Stack and System sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Intelligent Energy

Ballard

Hydrogenics

PowerCell

Nedstack

Dana Incorporated

balticFuelCells

Nissan

Schunk Bahn-und Industrietechnik

Toyota

Shanghai Sinofuelcell

Sinosynergy Power

Edelman Hydrogen Energy Equipment

Zhungeer Banner Hydrogen Plastic Technology Co., Ltd.

Clenergy(xiamen)Technology

Lanzhou Greatwall Electrica

Sunrise Power

VISION

Wuhan Troowin Power System Technology

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