

2018 Top 5 Hydrogen and Fuel Cells Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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Hydrogen and Fuel Cells use hydrogen as a chemical element, and are made into batteries that store energy. The basic principle is the reverse reaction of electrolysis of water, hydrogen and oxygen were supplied to the cathode and anode, hydrogen diffusion through the cathode and the electrolyte reaction, the release of electrons through the external load to reach the anode.

North America was the largest consumption market with a market share of 56.55% in 2012 and 60.27% in 2016 with an increase of 3.72%. Japan ranked the second place with the market share of 15.51% in 2016.

Nowadays, the top three companies make up more than 30.76% market share of the Hydrogen and Fuel Cells market in 2016, and the world's large enterprises are mainly concentrated in North America and Japan. The top three manufacturers are Fuel Cell Energy, Panasonic and Plug Power. They respectively with global production market share as 10.88%, 10.02%, and 9.86% in 2016.

Hydrogen and Fuel Cells are widely used in Stationary, Transport, Portable etc. In 2013 – 2014, the industry experience an obvious growth, but with the market returning to a reasonable state, from 2015, the market growth rate fell to a steady level.

Over the next five years, LPI(LP Information) projects that Hydrogen and Fuel Cells will register a 14.9% CAGR in terms of revenue, reach US\$ 3010 million by 2023, from US\$ 1310 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region,

with sales, price, revenue and market share from 2013 to 2018, the top players:

Fuel Cell Energy

Panasonic

Plug Power

Intelligent Energy

Toshiba

Hyster-Yale Group

Ballard Power Systems

Doosan Fuel Cell

Nedstack

Hydrogenics

Pearl Hydrogen

Sunrise Power

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Air-cooled Type

Water-cooled Type

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Stationary

Transport

Portable

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