

2018-2023 Global Hydrogen Fuel Cells Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Hydrogen Fuel Cells market for 2018-2023.

Hydrogen 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.

A hydrogen fuel cell is a power plant that utilizes the inverse process of electrolyzed water to generate electricity as well as the only emissions: water. Clean and environmentally friendly, and high energy density, compared to the battery on the market can have a longer battery life.

Japan was the largest consumer market with a market share of 27.31% in 2011 and 30.12% in 2015 with an increase of 10.28%. North America and Other ranked the second and third markets with the market share of 25.34% and 20.16% in 2015. Nowadays, the top three companies make up more than 46% market share of the Hydrogen Fuel Cells market in 2015, and the world's large enterprises are mainly concentrated in Japan and South Korea, and North America. The top three manufacturers are Ballard Power Systems Inc. (BLDP) Toshiba and PLUG Power. They respectively with global production market share as 17.36%, 16.68%, and 11.93% in 2015.

Over the next five years, LPI(LP Information) projects that Hydrogen Fuel Cells will

register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Hydrogen Fuel Cells market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Air-cooled Type

Water-cooled Type

Segmentation by application:

Stationary

Transport

Portable

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Ballard Power

Toshiba

PLUG Power

Fuelcell Energy

Hydrogenics

Doosan Fuel Cell

Horizon

Intelligent Energy

Hyster-Yale Group

Nedstack

Pearl Hydrogen

Sunrise Power

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Hydrogen Fuel Cells consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Hydrogen Fuel Cells market by identifying its various subsegments.

Focuses on the key global Hydrogen Fuel Cells manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Hydrogen Fuel Cells with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Hydrogen Fuel Cells submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Hydrogen Fuel Cells Consumption 2013-2023
 - 2.1.2 Hydrogen Fuel Cells Consumption CAGR by Region
- 2.2 Hydrogen Fuel Cells Segment by Type
 - 2.2.1 Air-cooled Type
 - 2.2.2 Water-cooled Type
- 2.3 Hydrogen Fuel Cells Consumption by Type
 - 2.3.1 Global Hydrogen Fuel Cells Consumption Market Share by Type (2013-2018)
 - 2.3.2 Global Hydrogen Fuel Cells Revenue and Market Share by Type (2013-2018)
 - 2.3.3 Global Hydrogen Fuel Cells Sale Price by Type (2013-2018)
- 2.4 Hydrogen Fuel Cells Segment by Application
 - 2.4.1 Stationary
 - 2.4.2 Transport
 - 2.4.3 Portable
- 2.5 Hydrogen Fuel Cells Consumption by Application
 - 2.5.1 Global Hydrogen Fuel Cells Consumption Market Share by Application (2013-2018)
 - 2.5.2 Global Hydrogen Fuel Cells Value and Market Share by Application (2013-2018)
 - 2.5.3 Global Hydrogen Fuel Cells Sale Price by Application (2013-2018)

3 GLOBAL HYDROGEN FUEL CELLS BY PLAYERS

- 3.1 Global Hydrogen Fuel Cells Sales Market Share by Players
 - 3.1.1 Global Hydrogen Fuel Cells Sales by Players (2016-2018)
 - 3.1.2 Global Hydrogen Fuel Cells Sales Market Share by Players (2016-2018)
- 3.2 Global Hydrogen Fuel Cells Revenue Market Share by Players

- 3.2.1 Global Hydrogen Fuel Cells Revenue by Players (2016-2018)
- 3.2.2 Global Hydrogen Fuel Cells Revenue Market Share by Players (2016-2018)
- 3.3 Global Hydrogen Fuel Cells Sale Price by Players
- 3.4 Global Hydrogen Fuel Cells Manufacturing Base Distribution, Sales Area, Product Types by Players
 - 3.4.1 Global Hydrogen Fuel Cells Manufacturing Base Distribution and Sales Area by Players
 - 3.4.2 Players Hydrogen Fuel Cells Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 HYDROGEN FUEL CELLS BY REGIONS

- 4.1 Hydrogen Fuel Cells by Regions
 - 4.1.1 Global Hydrogen Fuel Cells Consumption by Regions
 - 4.1.2 Global Hydrogen Fuel Cells Value by Regions
- 4.2 Americas Hydrogen Fuel Cells Consumption Growth
- 4.3 APAC Hydrogen Fuel Cells Consumption Growth
- 4.4 Europe Hydrogen Fuel Cells Consumption Growth
- 4.5 Middle East & Africa Hydrogen Fuel Cells Consumption Growth

5 AMERICAS

- 5.1 Americas Hydrogen Fuel Cells Consumption by Countries
 - 5.1.1 Americas Hydrogen Fuel Cells Consumption by Countries (2013-2018)
 - 5.1.2 Americas Hydrogen Fuel Cells Value by Countries (2013-2018)
- 5.2 Americas Hydrogen Fuel Cells Consumption by Type
- 5.3 Americas Hydrogen Fuel Cells Consumption by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Key Economic Indicators of Few Americas Countries

6 APAC

- 6.1 APAC Hydrogen Fuel Cells Consumption by Countries

- 6.1.1 APAC Hydrogen Fuel Cells Consumption by Countries (2013-2018)
- 6.1.2 APAC Hydrogen Fuel Cells Value by Countries (2013-2018)
- 6.2 APAC Hydrogen Fuel Cells Consumption by Type
- 6.3 APAC Hydrogen Fuel Cells Consumption by Application
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 Key Economic Indicators of Few APAC Countries

7 EUROPE

- 7.1 Europe Hydrogen Fuel Cells by Countries
 - 7.1.1 Europe Hydrogen Fuel Cells Consumption by Countries (2013-2018)
 - 7.1.2 Europe Hydrogen Fuel Cells Value by Countries (2013-2018)
- 7.2 Europe Hydrogen Fuel Cells Consumption by Type
- 7.3 Europe Hydrogen Fuel Cells Consumption by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia
- 7.9 Spain
- 7.10 Key Economic Indicators of Few Europe Countries

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Hydrogen Fuel Cells by Countries
 - 8.1.1 Middle East & Africa Hydrogen Fuel Cells Consumption by Countries (2013-2018)
 - 8.1.2 Middle East & Africa Hydrogen Fuel Cells Value by Countries (2013-2018)
- 8.2 Middle East & Africa Hydrogen Fuel Cells Consumption by Type
- 8.3 Middle East & Africa Hydrogen Fuel Cells Consumption by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers and Impact

9.1.1 Growing Demand from Key Regions

9.1.2 Growing Demand from Key Applications and Potential Industries

9.2 Market Challenges and Impact

9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

10.1 Sales Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.2 Hydrogen Fuel Cells Distributors

10.3 Hydrogen Fuel Cells Customer

11 GLOBAL HYDROGEN FUEL CELLS MARKET FORECAST

11.1 Global Hydrogen Fuel Cells Consumption Forecast (2018-2023)

11.2 Global Hydrogen Fuel Cells Forecast by Regions

11.2.1 Global Hydrogen Fuel Cells Forecast by Regions (2018-2023)

11.2.2 Global Hydrogen Fuel Cells Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

11.2.4 APAC Consumption Forecast

11.2.5 Europe Consumption Forecast

11.2.6 Middle East & Africa Consumption Forecast

11.3 Americas Forecast by Countries

11.3.1 United States Market Forecast

11.3.2 Canada Market Forecast

11.3.3 Mexico Market Forecast

11.3.4 Brazil Market Forecast

11.4 APAC Forecast by Countries

11.4.1 China Market Forecast

11.4.2 Japan Market Forecast

11.4.3 Korea Market Forecast

11.4.4 Southeast Asia Market Forecast

11.4.5 India Market Forecast

- 11.4.6 Australia Market Forecast
- 11.5 Europe Forecast by Countries
 - 11.5.1 Germany Market Forecast
 - 11.5.2 France Market Forecast
 - 11.5.3 UK Market Forecast
 - 11.5.4 Italy Market Forecast
 - 11.5.5 Russia Market Forecast
 - 11.5.6 Spain Market Forecast
- 11.6 Middle East & Africa Forecast by Countries
 - 11.6.1 Egypt Market Forecast
 - 11.6.2 South Africa Market Forecast
 - 11.6.3 Israel Market Forecast
 - 11.6.4 Turkey Market Forecast
 - 11.6.5 GCC Countries Market Forecast
- 11.7 Global Hydrogen Fuel Cells Forecast by Type
- 11.8 Global Hydrogen Fuel Cells Forecast by Application

12 KEY PLAYERS ANALYSIS

- 12.1 Ballard Power
 - 12.1.1 Company Details
 - 12.1.2 Hydrogen Fuel Cells Product Offered
 - 12.1.3 Ballard Power Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.1.4 Main Business Overview
 - 12.1.5 Ballard Power News
- 12.2 Toshiba
 - 12.2.1 Company Details
 - 12.2.2 Hydrogen Fuel Cells Product Offered
 - 12.2.3 Toshiba Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.2.4 Main Business Overview
 - 12.2.5 Toshiba News
- 12.3 PLUG Power
 - 12.3.1 Company Details
 - 12.3.2 Hydrogen Fuel Cells Product Offered
 - 12.3.3 PLUG Power Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.3.4 Main Business Overview

- 12.3.5 PLUG Power News
- 12.4 Fuelcell Energy
 - 12.4.1 Company Details
 - 12.4.2 Hydrogen Fuel Cells Product Offered
 - 12.4.3 Fuelcell Energy Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.4.4 Main Business Overview
 - 12.4.5 Fuelcell Energy News
- 12.5 Hydrogenics
 - 12.5.1 Company Details
 - 12.5.2 Hydrogen Fuel Cells Product Offered
 - 12.5.3 Hydrogenics Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.5.4 Main Business Overview
 - 12.5.5 Hydrogenics News
- 12.6 Doosan Fuel Cell
 - 12.6.1 Company Details
 - 12.6.2 Hydrogen Fuel Cells Product Offered
 - 12.6.3 Doosan Fuel Cell Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.6.4 Main Business Overview
 - 12.6.5 Doosan Fuel Cell News
- 12.7 Horizon
 - 12.7.1 Company Details
 - 12.7.2 Hydrogen Fuel Cells Product Offered
 - 12.7.3 Horizon Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.7.4 Main Business Overview
 - 12.7.5 Horizon News
- 12.8 Intelligent Energy
 - 12.8.1 Company Details
 - 12.8.2 Hydrogen Fuel Cells Product Offered
 - 12.8.3 Intelligent Energy Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.8.4 Main Business Overview
 - 12.8.5 Intelligent Energy News
- 12.9 Hyster-Yale Group
 - 12.9.1 Company Details
 - 12.9.2 Hydrogen Fuel Cells Product Offered

12.9.3 Hyster-Yale Group Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)

12.9.4 Main Business Overview

12.9.5 Hyster-Yale Group News

12.10 Nedstack

12.10.1 Company Details

12.10.2 Hydrogen Fuel Cells Product Offered

12.10.3 Nedstack Hydrogen Fuel Cells Sales, Revenue, Price and Gross Margin (2016-2018)

12.10.4 Main Business Overview

12.10.5 Nedstack News

12.11 Pearl Hydrogen

12.12 Sunrise Power

13 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Hydrogen Fuel Cells

Table Product Specifications of Hydrogen Fuel Cells

Figure Hydrogen Fuel Cells Report Years Considered

Figure Market Research Methodology

Figure Global Hydr

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