

# Global Hydrogen and Fuel Cells Market Research Report 2012-2024

<https://marketpublishers.com/r/GA76E079F0CEN.html>

Date: July 2019

Pages: 83

Price: US\$ 2,290.00 (Single User License)

ID: GA76E079F0CEN

## Abstracts

### SUMMARY

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.

The global Hydrogen and Fuel Cells market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Air-cooled Type

Water-cooled Type

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Panasonic

## Fuel Cell Energy

Plug Power

Intelligent Energy

Toshiba

Hyster-Yale Group

Ballard Power Systems

Doosan Fuel Cell

Nedstack

Hydrogenics

Pearl Hydrogen

Sunrise Power

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Stationary

Transport

Portable

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Objectives of Research
  - 1.1.1 Definition
  - 1.1.2 Specifications
- 1.2 Market Segment
  - 1.2.1 by Type
    - 1.2.1.1 Air-cooled Type
    - 1.2.1.2 Water-cooled Type
  - 1.2.2 by Application
    - 1.2.2.1 Stationary
    - 1.2.2.2 Transport
    - 1.2.2.3 Portable
  - 1.2.3 by Regions

### **2 INDUSTRY CHAIN**

- 2.1 Industry Chain Structure
- 2.2 Upstream
- 2.3 Market
  - 2.3.1 SWOT
  - 2.3.2 Dynamics

### **3 ENVIRONMENTAL ANALYSIS**

- 3.1 Policy
- 3.2 Economic
- 3.3 Technology
- 3.4 Market Entry

### **4 MARKET SEGMENTATION BY TYPE**

- 4.1 Market Size
  - 4.1.1 Air-cooled Type Market, 2013-2018
  - 4.1.2 Water-cooled Type Market, 2013-2018
- 4.2 Market Forecast
  - 4.2.1 Air-cooled Type Market Forecast, 2019-2024

#### 4.2.2 Water-cooled Type Market Forecast, 2019-2024

### **5 MARKET SEGMENTATION BY APPLICATION**

#### 5.1 Market Size

5.1.1 Stationary Market, 2013-2018

5.1.2 Transport Market, 2013-2018

5.1.3 Portable Market, 2013-2018

#### 5.2 Market Forecast

5.2.1 Stationary Market Forecast, 2019-2024

5.2.2 Transport Market Forecast, 2019-2024

5.2.3 Portable Market Forecast, 2019-2024

### **6 MARKET SEGMENTATION BY REGION**

#### 6.1 Market Size

##### 6.1.1 Asia-Pacific

6.1.1.1 Asia-Pacific Market, 2012-2018

6.1.1.2 Asia-Pacific Market by Type

6.1.1.3 Asia-Pacific Market by Application

##### 6.1.2 North America

6.1.2.1 North America Market, 2012-2018

6.1.2.2 North America Market by Type

6.1.2.3 North America Market by Application

##### 6.1.3 Europe

6.1.3.1 Europe Market, 2012-2018

6.1.3.2 Europe Market by Type

6.1.3.3 Europe Market by Application

##### 6.1.4 South America

6.1.4.1 South America Market, 2012-2018

6.1.4.2 South America Market by Type

6.1.4.3 South America Market by Application

##### 6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2012-2018

6.1.5.2 Middle East & Africa Market by Type

6.1.5.3 Middle East & Africa Market by Application

#### 6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2019-2024

6.2.2 North America Market Forecast, 2019-2024

6.2.3 Europe Market Forecast, 2019-2024

6.2.4 South America Market Forecast, 2019-2024

6.2.5 Middle East & Africa Market Forecast, 2019-2024

## **7 MARKET COMPETITIVE**

7.1 Global Market by Vendors

7.2 Market Concentration

7.3 Price & Factors

7.4 Marketing Channel

## **8 MAJOR VENDORS**

8.1 Panasonic

8.2 Fuel Cell Energy

8.3 Plug Power

8.4 Intelligent Energy

8.5 Toshiba

8.6 Hyster-Yale Group

8.7 Ballard Power Systems

8.8 Doosan Fuel Cell

8.9 Nedstack

8.10 Hydrogenics

8.11 Pearl Hydrogen

8.12 Sunrise Power

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table Product Specifications of Hydrogen and Fuel Cells
- Table Products Segment of Hydrogen and Fuel Cells
- Table Air-cooled Type Overview
- Table Water-cooled Type Overview
- Table Global Hydrogen and Fuel Cells Market by Type, 2011-2022 (USD Million)
- Table Application Segment of Hydrogen and Fuel Cells
- Table Stationary Overview
- Table Transport Overview
- Table Portable Overview
- Table Global Hydrogen and Fuel Cells Market by Application, 2011-2022 (USD Million)
- Table Global Hydrogen and Fuel Cells Market by Region, 2011-2022 (USD Million)
- Table Cost of Hydrogen and Fuel Cells
- Table Market Dynamics
- Table Policy of Hydrogen and Fuel Cells
- Table GDP of Major Countries
- Table Air-cooled Type CAGR by Revenue and Volume, 2012-2018
- Table Water-cooled Type CAGR by Revenue and Volume, 2012-2018
- Table Air-cooled Type CAGR by Revenue and Volume, 2012-2024
- Table Water-cooled Type CAGR by Revenue and Volume, 2012-2024
- Table Stationary CAGR by Revenue and Volume, 2012-2018
- Table Transport CAGR by Revenue and Volume, 2012-2018
- Table Portable CAGR by Revenue and Volume, 2012-2018
- Table Global Hydrogen and Fuel Cells Market by Vendors, 2012-2018 (USD Million)
- Table Global Hydrogen and Fuel Cells Market by Vendors, 2012-2018 (in Volume)
- Table Global Hydrogen and Fuel Cells Market Share by Vendors, 2012-2018 (USD Million)
- Table Global Hydrogen and Fuel Cells Market Share by Vendors, 2012-2018 (in Volume)
- Table Price Factors List
- Table Panasonic Profile List
- Table Microecological Modulator Operating Data of Panasonic (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
- Table Fuel Cell Energy Profile List
- Table Microecological Modulator Operating Data of Fuel Cell Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Plug Power Profile List

Table Microecological Modulator Operating Data of Plug Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Intelligent Energy Profile List

Table Microecological Modulator Operating Data of Intelligent Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Toshiba Profile List

Table Microecological Modulator Operating Data of Toshiba (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Hyster-Yale Group Profile List

Table Microecological Modulator Operating Data of Hyster-Yale Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ballard Power Systems Profile List

Table Microecological Modulator Operating Data of Ballard Power Systems (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Doosan Fuel Cell Profile List

Table Microecological Modulator Operating Data of Doosan Fuel Cell (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Nedstack Profile List

Table Microecological Modulator Operating Data of Nedstack (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Hydrogenics Profile List

Table Microecological Modulator Operating Data of Hydrogenics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Pearl Hydrogen Profile List

Table Microecological Modulator Operating Data of Pearl Hydrogen (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sunrise Power Profile List

Table Microecological Modulator Operating Data of Sunrise Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



## List Of Figures

### LIST OF FIGURES

Figure Hydrogen and Fuel Cells Picture

Figure Industry Chain Structure of Hydrogen and Fuel Cells

Figure SWOT of Hydrogen and Fuel Cells

Figure Air-cooled Type Market Size and Growth, 2012-2018 (USD Million)

Figure Air-cooled Type Market Size and Growth, 2012-2018 (in Volume)

Figure Water-cooled Type Market Size and Growth, 2012-2018 (USD Million)

Figure Water-cooled Type Market Size and Growth, 2012-2018 (in Volume)

Figure Air-cooled Type Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Air-cooled Type Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Water-cooled Type Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Water-cooled Type Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Stationary Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Transport Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Portable Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2012-2018 (USD Million)

Figure North America Market Size and Growth, 2012-2018 (in Volume)

Figure North America Market Size by Type

Figure North America Market Share by Type

Figure North America Market Size by Application

Figure North America Market Share by Application

Figure Europe Market Size and Growth, 2012-2018 (USD Million)

Figure Europe Market Size and Growth, 2012-2018 (in Volume)

Figure Europe Market Size by Type

Figure Europe Market Share by Type

Figure Europe Market Size by Application

Figure Europe Market Share by Application

Figure South America Market Size and Growth, 2012-2018 (USD Million)  
Figure South America Market Size and Growth, 2012-2018 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Hydrogen and Fuel Cells Market Concentration by Region  
Figure Marketing Channels Overview

## I would like to order

Product name: Global Hydrogen and Fuel Cells Market Research Report 2012-2024

Product link: <https://marketpublishers.com/r/GA76E079F0CEN.html>

Price: US\$ 2,290.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA76E079F0CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970