

# Global and Regional Hydrogen Fuel Cells Market Research Report 2017

<https://marketpublishers.com/r/GC295B8E2FBEN.html>

Date: October 2017

Pages: 121

Price: US\$ 3,500.00 (Single User License)

ID: GC295B8E2FBEN

## Abstracts

### Summary

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.

Market Segment as follows:

### By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

### By Type

Air-cooled Type

Water-cooled Type

#### By Application

Stationary

Transport

Portable

#### By Company

Ballard Power

Toshiba

PLUG Power

Fuelcell Energy

Hydrogenics

Doosan Fuel Cell

Horizon

Intelligent Energy

Hyster-Yale Group

Nedstack

Pearl Hydrogen

Sunrise Power

## Others

The main contents of the report including:

Section 1: Product definition, type and application, global and regional market overview;

Section 2: Global and regional Market competition by company;

Section 3: Global and regional sales revenue, volume and price by type;

Section 4: Global and regional sales revenue, volume and price by application;

Section 5: Regional export and import;

Section 6: Company information, business overview, sales data and product specifications;

Section 7: Industry chain and raw materials;

Section 8: SWOT and Porter's Five Forces;

Section 9: Conclusion.

## Contents

### **1 MARKET OVERVIEW**

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Air-cooled Type

###### 1.1.2.2 Water-cooled Type

##### 1.1.3 Market by Application

###### 1.1.3.1 Stationary

###### 1.1.3.2 Transport

###### 1.1.3.3 Portable

#### 1.2 Global and Regional Market Size

##### 1.2.1 Global Overview

##### 1.2.2 Market by Region

###### 1.2.2.1 Asia-Pacific

###### 1.2.2.2 North America

###### 1.2.2.3 Europe

###### 1.2.2.4 South America

###### 1.2.2.5 Middle East & Africa

### **2 GLOBAL AND REGIONAL MARKET BY COMPANY**

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 Asia-Pacific

##### 2.2.1 Asia-Pacific Sales by Company

##### 2.2.2 Asia-Pacific Price by Company

#### 2.3 North America

##### 2.3.1 North America Sales by Company

##### 2.3.2 North America Price by Company

#### 2.4 Europe

##### 2.4.1 Europe Market Sales by Company

##### 2.4.2 Europe Price by Company

#### 2.5 South America

##### 2.5.1 South America Sales by Company

##### 2.5.2 South America Price by Company

## 2.6 Middle East & Africa

2.6.1 Middle East & Africa Sales by Company

2.6.2 Middle East & Africa Price by Company

## **3 GLOBAL AND REGIONAL MARKET BY TYPE**

### 3.1 Global

3.1.1 Global Sales by Type

3.1.2 Global Price by Type

### 3.2 Asia-Pacific

3.2.1 Asia-Pacific Sales by Type

3.2.2 Asia-Pacific Price by Type

### 3.3 North America

3.3.1 North America Sales by Type

3.3.2 North America Price by Type

### 3.4 Europe

3.4.1 Europe Market Sales by Type

3.4.2 Europe Price by Type

### 3.5 South America

3.5.1 South America Sales by Type

3.5.2 South America Price by Type

### 3.6 Middle East & Africa

3.6.1 Middle East & Africa Sales by Type

3.6.2 Middle East & Africa Price by Type

## **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

### 4.1 Global

4.1.1 Global Sales by Application

4.1.2 Global Price by Application

### 4.2 Asia-Pacific

4.2.1 Asia-Pacific Sales by Application

4.2.2 Asia-Pacific Price by Application

### 4.3 North America

4.3.1 North America Sales by Application

4.3.2 North America Price by Application

### 4.4 Europe

4.4.1 Europe Market Sales by Application

4.4.2 Europe Price by Application

#### 4.5 South America

4.5.1 South America Sales by Application

4.5.2 South America Price by Application

#### 4.6 Middle East & Africa

4.6.1 Middle East & Africa Sales by Application

4.6.2 Middle East & Africa Price by Application

### **5 REGIONAL TRADE**

5.1 Export

5.2 Import

### **6 KEY MANUFACTURERS**

#### 6.1 Ballard Power

6.1.2 Company Information

6.1.2 Product Specifications

6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.2 Toshiba

6.2.1 Company Information

6.2.2 Product Specifications

6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.3 PLUG Power

6.3.1 Company Information

6.3.2 Product Specifications

6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.4 Fuelcell Energy

6.4.1 Company Information

6.4.2 Product Specifications

6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.5 Hydrogenics

6.5.1 Company Information

6.5.2 Product Specifications

6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.6 Doosan Fuel Cell

6.6.1 Company Information

6.6.2 Product Specifications

6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.7 Horizon

- 6.7.1 Company Information
- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 Intelligent Energy
  - 6.8.1 Company Information
  - 6.8.2 Product Specifications
  - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 Hyster-Yale Group
  - 6.9.1 Company Information
  - 6.9.2 Product Specifications
  - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 Nedstack
  - 6.10.1 Company Information
  - 6.10.2 Product Specifications
  - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 Pearl Hydrogen
- 6.12 Sunrise Power
- 6.13 Others

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain
- 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

- 8.1 SWOT
- 8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

#### **TABLE GLOBAL MARKET SALES REVENUE BY COMPANY 2011-2017**

- Table Global Market Sales Revenue Share by Company 2011-2017
- Table Global Market Sales Volume by Company 2011-2017
- Table Global Market Sales Volume Share by Company 2011-2017
- Table Global Price by Company 2011-2017
- Table Asia-Pacific Market Sales Revenue by Company 2011-2017
- Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017
- Table Asia-Pacific Market Sales Volume by Company 2011-2017
- Table Asia-Pacific Market Sales Volume Share by Company 2011-2017
- Table Asia-Pacific Price by Company 2011-2017
- Table North America Market Sales Revenue by Company 2011-2017
- Table North America Market Sales Revenue Share by Company 2011-2017
- Table North America Market Sales Volume by Company 2011-2017
- Table North America Market Sales Volume Share by Company 2011-2017
- Table North America Price by Company 2011-2017
- Table Europe Market Sales Revenue by Company 2011-2017
- Table Europe Market Sales Revenue Share by Company 2011-2017
- Table Europe Market Sales Volume by Company 2011-2017
- Table Europe Market Sales Volume Share by Company 2011-2017
- Table Europe Price by Company 2011-2017
- Table South America Market Sales Revenue by Company 2011-2017
- Table South America Market Sales Revenue Share by Company 2011-2017
- Table South America Market Sales Volume by Company 2011-2017
- Table South America Market Sales Volume Share by Company 2011-2017
- Table South America Price by Company 2011-2017
- Table Middle East & Africa Market Sales Revenue by Company 2011-2017
- Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017
- Table Middle East & Africa Market Sales Volume by Company 2011-2017
- Table Middle East & Africa Market Sales Volume Share by Company 2011-2017
- Table Middle East & Africa Price by Company 2011-2017
- Table Global Market Sales Revenue by Type 2011-2017
- Table Global Market Sales Revenue Share by Type 2011-2017
- Table Global Market Sales Volume by Type 2011-2017
- Table Global Market Sales Volume Share by Type 2011-2017



Table Global Price by Type 2011-2017  
Table Asia-Pacific Market Sales Revenue by Type 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017  
Table Asia-Pacific Market Sales Volume by Type 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Type 2011-2017  
Table Asia-Pacific Price by Type 2011-2017  
Table North America Market Sales Revenue by Type 2011-2017  
Table North America Market Sales Revenue Share by Type 2011-2017  
Table North America Market Sales Volume by Type 2011-2017  
Table North America Market Sales Volume Share by Type 2011-2017  
Table North America Price by Type 2011-2017  
Table Europe Market Sales Revenue by Type 2011-2017  
Table Europe Market Sales Revenue Share by Type 2011-2017  
Table Europe Market Sales Volume by Type 2011-2017  
Table Europe Market Sales Volume Share by Type 2011-2017  
Table Europe Price by Type 2011-2017  
Table South America Market Sales Revenue by Type 2011-2017  
Table South America Market Sales Revenue Share by Type 2011-2017  
Table South America Market Sales Volume by Type 2011-2017  
Table South America Market Sales Volume Share by Type 2011-2017  
Table South America Price by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017  
Table Middle East & Africa Market Sales Volume by Type 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Type 2011-2017  
Table Middle East & Africa Price by Type 2011-2017  
Table Global Market Sales Revenue by Application 2011-2017  
Table Global Market Sales Revenue Share by Application 2011-2017  
Table Global Market Sales Volume by Application 2011-2017  
Table Global Market Sales Volume Share by Application 2011-2017  
Table Global Price by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017  
Table Asia-Pacific Market Sales Volume by Application 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Application 2011-2017  
Table Asia-Pacific Price by Application 2011-2017  
Table North America Market Sales Revenue by Application 2011-2017  
Table North America Market Sales Revenue Share by Application 2011-2017  
Table North America Market Sales Volume by Application 2011-2017

Table North America Market Sales Volume Share by Application 2011-2017

Table North America Price by Application 2011-2017

Table Europe Market Sales Revenue by Application 2011-2017

Table Europe Market Sales Revenue Share by Application 2011-2017

Table Europe Market Sales Volume by Application 2011-2017

Table Europe Market Sales Volume Share by Application 2011-2017

Table Europe Price by Application 2011-2017

Table South America Market Sales Revenue by Application 2011-2017

Table South America Market Sales Revenue Share by Application 2011-2017

Table South America Market Sales Volume by Application 2011-2017

Table South America Market Sales Volume Share by Application 2011-2017

Table South America Price by Application 2011-2017

Table Middle East & Africa Market Sales Revenue by Application 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017

Table Middle East & Africa Market Sales Volume by Application 2011-2017

Table Middle East & Africa Market Sales Volume Share by Application 2011-2017

Table Middle East & Africa Price by Application 2011-2017

Table Regional Export 2011-2017 (Value)

Table Regional Export 2011-2017 (Volume)

Table Regional Import 2011-2017 (Value)

Table Regional Import 2011-2017 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of Ballard Power

Table Sales Revenue, Volume, Price, Cost and Margin of Toshiba

Table Sales Revenue, Volume, Price, Cost and Margin of PLUG Power

Table Sales Revenue, Volume, Price, Cost and Margin of Fuelcell Energy

Table Sales Revenue, Volume, Price, Cost and Margin of Hydrogenics

Table Sales Revenue, Volume, Price, Cost and Margin of Doosan Fuel Cell

Table Sales Revenue, Volume, Price, Cost and Margin of Horizon

Table Sales Revenue, Volume, Price, Cost and Margin of Intelligent Energy

Table Sales Revenue, Volume, Price, Cost and Margin of Hyster-Yale Group

Table Sales Revenue, Volume, Price, Cost and Margin of Nedstack

Table Sales Revenue, Volume, Price, Cost and Margin of Pearl Hydrogen

Table Sales Revenue, Volume, Price, Cost and Margin of Sunrise Power

Table Sales Revenue, Volume, Price, Cost and Margin of Others

## List Of Figures

### LIST OF FIGURES

- Figure Air-cooled Type Market Size and CAGR 2011-2017 (Value)
- Figure Air-cooled Type Market Size and CAGR 2011-2017 (Volume)
- Figure Air-cooled Type Market Forecast and CAGR 2018-2025 (Value)
- Figure Air-cooled Type Market Forecast and CAGR 2018-2025 (Volume)
- Figure Water-cooled Type Market Size and CAGR 2011-2017 (Value)
- Figure Water-cooled Type Market Size and CAGR 2011-2017 (Volume)
- Figure Water-cooled Type Market Forecast and CAGR 2018-2025 (Value)
- Figure Water-cooled Type Market Forecast and CAGR 2018-2025 (Volume)
- Figure Stationary Market Size and CAGR 2011-2017 (Value)
- Figure Stationary Market Size and CAGR 2011-2017 (Volume)
- Figure Stationary Market Forecast and CAGR 2018-2025 (Value)
- Figure Stationary Market Forecast and CAGR 2018-2025 (Volume)
- Figure Transport Market Size and CAGR 2011-2017 (Value)
- Figure Transport Market Size and CAGR 2011-2017 (Volume)
- Figure Transport Market Forecast and CAGR 2018-2025 (Value)
- Figure Transport Market Forecast and CAGR 2018-2025 (Volume)
- Figure Portable Market Size and CAGR 2011-2017 (Value)
- Figure Portable Market Size and CAGR 2011-2017 (Volume)
- Figure Portable Market Forecast and CAGR 2018-2025 (Value)
- Figure Portable Market Forecast and CAGR 2018-2025 (Volume)
- Figure Global Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)
- Figure Global Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)
- Figure Global Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)
- Figure Global Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)
- Figure Asia-Pacific Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)
- Figure Asia-Pacific Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)
- Figure Asia-Pacific Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)
- Figure Asia-Pacific Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)
- Figure North America Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)
- Figure North America Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)
- Figure North America Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)
- Figure North America Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)

Figure Europe Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)  
Figure Europe Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)  
Figure Europe Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)  
Figure Europe Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)  
Figure South America Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)  
Figure South America Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)  
Figure South America Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)  
Figure South America Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)  
Figure Middle East & Africa Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Value)  
Figure Middle East & Africa Hydrogen Fuel Cells Market Size and CAGR 2011-2017 (Volume)  
Figure Middle East & Africa Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Value)  
Figure Middle East & Africa Hydrogen Fuel Cells Market Forecast and CAGR 2018-2025 (Volume)  
Figure Global Market Sales Revenue Share by Company in 2017  
Figure Global Market Sales Volume Share by Company in 2017  
Figure Asia-Pacific Market Sales Revenue Share by Company in 2017  
Figure Asia-Pacific Market Sales Volume Share by Company in 2017  
Figure North America Market Sales Revenue Share by Company in 2017  
Figure North America Market Sales Volume Share by Company in 2017  
Figure Europe Market Sales Revenue Share by Company in 2017  
Figure Europe Market Sales Volume Share by Company in 2017  
Figure South America Market Sales Revenue Share by Company in 2017  
Figure South America Market Sales Volume Share by Company in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Company in 2017  
Figure Middle East & Africa Market Sales Volume Share by Company in 2017  
Figure Global Market Sales Revenue Share by Type in 2017  
Figure Global Market Sales Volume Share by Type in 2017  
Figure Asia-Pacific Market Sales Revenue Share by Type in 2017  
Figure Asia-Pacific Market Sales Volume Share by Type in 2017  
Figure North America Market Sales Revenue Share by Type in 2017  
Figure North America Market Sales Volume Share by Type in 2017  
Figure Europe Market Sales Revenue Share by Type in 2017  
Figure Europe Market Sales Volume Share by Type in 2017

Figure South America Market Sales Revenue Share by Type in 2017  
Figure South America Market Sales Volume Share by Type in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Type in 2017  
Figure Middle East & Africa Market Sales Volume Share by Type in 2017  
Figure Global Market Sales Revenue Share by Application in 2017  
Figure Global Market Sales Volume Share by Application in 2017  
Figure Asia-Pacific Market Sales Revenue Share by Application in 2017  
Figure Asia-Pacific Market Sales Volume Share by Application in 2017  
Figure North America Market Sales Revenue Share by Application in 2017  
Figure North America Market Sales Volume Share by Application in 2017  
Figure Europe Market Sales Revenue Share by Application in 2017  
Figure Europe Market Sales Volume Share by Application in 2017  
Figure South America Market Sales Revenue Share by Application in 2017  
Figure South America Market Sales Volume Share by Application in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2017  
Figure Middle East & Africa Market Sales Volume Share by Application in 2017  
Figure Industry Chain Overview  
Figure Hydrogen Fuel Cells SWOT List  
Figure Electronics Porter's Five Forces

## I would like to order

Product name: Global and Regional Hydrogen Fuel Cells Market Research Report 2017

Product link: <https://marketpublishers.com/r/GC295B8E2FBEN.html>

Price: US\$ 3,500.00 (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/GC295B8E2FBEN.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