

Hydrogen Fuel Cells - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Hydrogen Fuel Cells Market is accounted for \$476.78 million in 2017 and is expected to reach \$55,061.4 million by 2026 growing at a CAGR of 69.5% during the forecast period. Rising adoption of electric and hybrid vehicles, increasing demand in the telecommunications, automotive and residential micro-CHP sector, and diminishing dependence on non-renewable energy sources are some of the factors boosting the market growth. However, the high cost of switching to this technology and reduced hydrogen refilling stations are restraining the market growth. Moreover, expanding the take-up of novel techniques for the decrease in fuel costs among the fuel makers is providing ample growth opportunities for the market.

A hydrogen fuel cell is a device that changes over hydrogen and oxygen into water, and all the while produces electricity. In a hydrogen fuel cells device, the flow of chemicals into cells is continuous, thereby ensuring that the battery does not go dead. Hydrogen fuel cells are being used as an alternative fuel in automobiles, in portable power systems, and also for power generation.

Based on the product, the air-cooled type segment is likely to have a huge demand during the forecast period, because this type uses two primary methods, like active and passive methods. Both of these methods offer efficient and cost-effective cooling, which promote their growth. By Geography, Asia Pacific is significantly growing during the forecast period due to the increasing population and growing disposable income.

Some of the key players profiled in the Hydrogen Fuel Cells market include Toshiba Corporation, Sunrise Power, SFC Energy AG, Plug Power Inc, Pearl Hydrogen, Panasonic Corporation, Nedstack Fuel Cells Technology B.V., Intelligent Energy, Hyster-Yale Group, Hydrogenics, Fuelcell Energy, Doosan Fuel Cell, ClearEdge Power, Ballard

Power and AFC Energy PLC.

Types Covered:

Solid Oxide Fuel Cells

Polymer Exchange Membrane Fuel Cells

Direct Methanol Fuel Cells

Other Types

Products Covered:

Water-cooled Type

Air-cooled Type

Applications Covered:

Transport

Stationary

Portable

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL HYDROGEN FUEL CELLS MARKET, BY TYPE

- 5.1 Introduction
- 5.2 Solid Oxide Fuel Cells
- 5.3 Polymer Exchange Membrane Fuel Cells
- 5.4 Direct Methanol Fuel Cells
- 5.5 Other Types
 - 5.5.1 Phosphoric acid fuel cells
 - 5.5.2 Alkaline fuel cells

6 GLOBAL HYDROGEN FUEL CELLS MARKET, BY PRODUCT

- 6.1 Introduction
- 6.2 Water-cooled Type
- 6.3 Air-cooled Type

7 GLOBAL HYDROGEN FUEL CELLS MARKET, BY APPLICATION

- 7.1 Introduction
- 7.2 Transport
- 7.3 Stationary
- 7.4 Portable

8 GLOBAL HYDROGEN FUEL CELLS MARKET, BY GEOGRAPHY

- 8.1 Introduction
- 8.2 North America
 - 8.2.1 US
 - 8.2.2 Canada
 - 8.2.3 Mexico
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 Italy
 - 8.3.4 France
 - 8.3.5 Spain
 - 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 Japan

- 8.4.2 China
- 8.4.3 India
- 8.4.4 Australia
- 8.4.5 New Zealand
- 8.4.6 South Korea
- 8.4.7 Rest of Asia Pacific
- 8.5 South America
 - 8.5.1 Argentina
 - 8.5.2 Brazil
 - 8.5.3 Chile
 - 8.5.4 Rest of South America
- 8.6 Middle East & Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 UAE
 - 8.6.3 Qatar
 - 8.6.4 South Africa
 - 8.6.5 Rest of Middle East & Africa

9 KEY DEVELOPMENTS

- 9.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 9.2 Acquisitions & Mergers
- 9.3 New Product Launch
- 9.4 Expansions
- 9.5 Other Key Strategies

10 COMPANY PROFILING

- 10.1 Toshiba Corporation
- 10.2 Sunrise Power
- 10.3 SFC Energy AG
- 10.4 Plug Power Inc
- 10.5 Pearl Hydrogen
- 10.6 Panasonic Corporation
- 10.7 Nedstack Fuel Cells Technology B.V.
- 10.8 Intelligent Energy
- 10.9 Hyster-Yale Group
- 10.10 Hydrogenics
- 10.11 Fuelcell Energy

- 10.12 Doosan Fuel Cell
- 10.13 ClearEdge Power
- 10.14 Ballard Power
- 10.15 AFC Energy PLC

List Of Tables

LIST OF TABLES

- 1 Global Hydrogen Fuel Cells Market Outlook, By Region (2016-2026) (US \$MN)
- 2 Global Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)
- 3 Global Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)
- 4 Global Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)
- 5 Global Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)
- 6 Global Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)
- 7 Global Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells (2016-2026) (US \$MN)
- 8 Global Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells (2016-2026) (US \$MN)
- 9 Global Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)
- 10 Global Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)
- 11 Global Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)
- 12 Global Hydrogen Fuel Cells Market Outlook, By Application (2016-2026) (US \$MN)
- 13 Global Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026) (US \$MN)
- 14 Global Hydrogen Fuel Cells Market Outlook, By Stationary (2016-2026) (US \$MN)
- 15 Global Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026) (US \$MN)
- 16 North America Hydrogen Fuel Cells Market Outlook, By Country (2016-2026) (US \$MN)
- 17 North America Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)
- 18 North America Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)
- 19 North America Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)
- 20 North America Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)
- 21 North America Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)
- 22 North America Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells (2016-2026) (US \$MN)

- 23 North America Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells (2016-2026) (US \$MN)
- 24 North America Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)
- 25 North America Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)
- 26 North America Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)
- 27 North America Hydrogen Fuel Cells Market Outlook, By Application (2016-2026) (US \$MN)
- 28 North America Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026) (US \$MN)
- 29 North America Hydrogen Fuel Cells Market Outlook, By Stationary (2016-2026) (US \$MN)
- 30 North America Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026) (US \$MN)
- 31 Europe Hydrogen Fuel Cells Market Outlook, By Country (2016-2026) (US \$MN)
- 32 Europe Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)
- 33 Europe Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)
- 34 Europe Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)
- 35 Europe Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)
- 36 Europe Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)
- 37 Europe Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells (2016-2026) (US \$MN)
- 38 Europe Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells (2016-2026) (US \$MN)
- 39 Europe Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)
- 40 Europe Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)
- 41 Europe Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)
- 42 Europe Hydrogen Fuel Cells Market Outlook, By Application (2016-2026) (US \$MN)
- 43 Europe Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026) (US \$MN)
- 44 Europe Hydrogen Fuel Cells Market Outlook, By Stationary (2016-2026) (US \$MN)
- 45 Europe Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026) (US \$MN)
- 46 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Country (2016-2026) (US \$MN)

- 47 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)
- 48 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)
- 49 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)
- 50 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)
- 51 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)
- 52 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells (2016-2026) (US \$MN)
- 53 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells (2016-2026) (US \$MN)
- 54 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)
- 55 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)
- 56 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)
- 57 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Application (2016-2026) (US \$MN)
- 58 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026) (US \$MN)
- 59 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Stationary (2016-2026) (US \$MN)
- 60 Asia Pacific Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026) (US \$MN)
- 61 South America Hydrogen Fuel Cells Market Outlook, By Country (2016-2026) (US \$MN)
- 62 South America Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)
- 63 South America Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)
- 64 South America Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)
- 65 South America Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)
- 66 South America Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)
- 67 South America Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells

(2016-2026) (US \$MN)

68 South America Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells

(2016-2026) (US \$MN)

69 South America Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)

70 South America Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)

71 South America Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)

72 South America Hydrogen Fuel Cells Market Outlook, By Application (2016-2026) (US \$MN)

73 South America Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026) (US \$MN)

74 South America Hydrogen Fuel Cells Market Outlook, By Stationary (2016-2026) (US \$MN)

75 South America Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026) (US \$MN)

76 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Country (2016-2026) (US \$MN)

77 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Type (2016-2026) (US \$MN)

78 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Solid Oxide Fuel Cells (2016-2026) (US \$MN)

79 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Polymer Exchange Membrane Fuel Cells (2016-2026) (US \$MN)

80 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Direct Methanol Fuel Cells (2016-2026) (US \$MN)

81 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Other Types (2016-2026) (US \$MN)

82 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Phosphoric acid fuel cells (2016-2026) (US \$MN)

83 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Alkaline fuel cells (2016-2026) (US \$MN)

84 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Product (2016-2026) (US \$MN)

85 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Water-cooled Type (2016-2026) (US \$MN)

86 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Air-cooled Type (2016-2026) (US \$MN)

87 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Application
(2016-2026) (US \$MN)

88 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Transport (2016-2026)
(US \$MN)

89 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Stationary
(2016-2026) (US \$MN)

90 Middle East & Africa Hydrogen Fuel Cells Market Outlook, By Portable (2016-2026)
(US \$MN)

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