

# Covid-19 Impact on Global Hydrogen Fuel Cell Stacks Market Insights, Forecast to 2026

https://marketpublishers.com/r/CFD391149133EN.html

Date: July 2020 Pages: 114 Price: US\$ 4,900.00 (Single User License) ID: CFD391149133EN

# **Abstracts**

A single fuel cell consists of a membrane electrode assembly (MEA) and two flow-field plates delivering about 0.5 and 1V voltage (too low for most applications). Just like batteries, individual cells are stacked to achieve a higher voltage and power. This assembly of cells is called a fuel cell stack, or just a stack.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Hydrogen Fuel Cell Stacks market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Hydrogen Fuel Cell Stacks industry.

Based on our recent survey, we have several different scenarios about the Hydrogen Fuel Cell Stacks YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ xx million in 2019. The market size of Hydrogen Fuel Cell Stacks will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.

With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Hydrogen Fuel Cell

Stacks market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Hydrogen Fuel Cell Stacks market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Hydrogen Fuel Cell Stacks market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

#### Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Hydrogen Fuel Cell Stacks market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Hydrogen Fuel Cell Stacks market has been provided based on region.

#### Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Hydrogen Fuel Cell Stacks market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

#### **Competition Analysis**

In the competitive analysis section of the report, leading as well as prominent players of the global Hydrogen Fuel Cell Stacks market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable



statistics on price and revenue (global level) by player for the period 2015-2020. On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Hydrogen Fuel Cell Stacks market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Hydrogen Fuel Cell Stacks market. The following manufacturers are covered in this report:

Pragma Industries

Fuel Cell Store

Ballard Power

Pearl Hydrogen

Sunrise Power

Mingtian Hydrogen Energy Technology

Shanghai Shenli Technology

Sinosynergy

Edelman Hydrogen Energy Equipment

Hydrogen Fuel Cell Stacks Breakdown Data by Type

Air-cooled Type

Water-cooled Type

Hydrogen Fuel Cell Stacks Breakdown Data by Application

Fuel Cell Electric Vehicles (FCEVs)

Covid-19 Impact on Global Hydrogen Fuel Cell Stacks Market Insights, Forecast to 2026



Cogeneration

Portable Power Systems



# Contents

#### 1 STUDY COVERAGE

- 1.1 Hydrogen Fuel Cell Stacks Product Introduction
- 1.2 Key Market Segments in This Study

1.3 Key Manufacturers Covered: Ranking of Global Top Hydrogen Fuel Cell Stacks Manufacturers by Revenue in 2019

- 1.4 Market by Type
  - 1.4.1 Global Hydrogen Fuel Cell Stacks Market Size Growth Rate by Type
- 1.4.2 Air-cooled Type

1.4.3 Water-cooled Type

- 1.5 Market by Application
- 1.5.1 Global Hydrogen Fuel Cell Stacks Market Size Growth Rate by Application
- 1.5.2 Fuel Cell Electric Vehicles (FCEVs)
- 1.5.3 Cogeneration
- 1.5.4 Portable Power Systems
- 1.6 Coronavirus Disease 2019 (Covid-19): Hydrogen Fuel Cell Stacks Industry Impact
  - 1.6.1 How the Covid-19 is Affecting the Hydrogen Fuel Cell Stacks Industry
    - 1.6.1.1 Hydrogen Fuel Cell Stacks Business Impact Assessment Covid-19
    - 1.6.1.2 Supply Chain Challenges
    - 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products
- 1.6.2 Market Trends and Hydrogen Fuel Cell Stacks Potential Opportunities in the COVID-19 Landscape
  - 1.6.3 Measures / Proposal against Covid-19
  - 1.6.3.1 Government Measures to Combat Covid-19 Impact
  - 1.6.3.2 Proposal for Hydrogen Fuel Cell Stacks Players to Combat Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

# **2 EXECUTIVE SUMMARY**

2.1 Global Hydrogen Fuel Cell Stacks Market Size Estimates and Forecasts

2.1.1 Global Hydrogen Fuel Cell Stacks Revenue Estimates and Forecasts 2015-2026

2.1.2 Global Hydrogen Fuel Cell Stacks Production Capacity Estimates and Forecasts 2015-2026

2.1.3 Global Hydrogen Fuel Cell Stacks Production Estimates and Forecasts 2015-2026

2.2 Global Hydrogen Fuel Cell Stacks Market Size by Producing Regions: 2015 VS



2020 VS 2026

2.3 Analysis of Competitive Landscape

2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)

2.3.2 Global Hydrogen Fuel Cell Stacks Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

2.3.3 Global Hydrogen Fuel Cell Stacks Manufacturers Geographical Distribution

2.4 Key Trends for Hydrogen Fuel Cell Stacks Markets & Products

2.5 Primary Interviews with Key Hydrogen Fuel Cell Stacks Players (Opinion Leaders)

### **3 MARKET SIZE BY MANUFACTURERS**

3.1 Global Top Hydrogen Fuel Cell Stacks Manufacturers by Production Capacity

3.1.1 Global Top Hydrogen Fuel Cell Stacks Manufacturers by Production Capacity (2015-2020)

3.1.2 Global Top Hydrogen Fuel Cell Stacks Manufacturers by Production (2015-2020)3.1.3 Global Top Hydrogen Fuel Cell Stacks Manufacturers Market Share by

Production

3.2 Global Top Hydrogen Fuel Cell Stacks Manufacturers by Revenue

3.2.1 Global Top Hydrogen Fuel Cell Stacks Manufacturers by Revenue (2015-2020)

3.2.2 Global Top Hydrogen Fuel Cell Stacks Manufacturers Market Share by Revenue (2015-2020)

3.2.3 Global Top 10 and Top 5 Companies by Hydrogen Fuel Cell Stacks Revenue in 2019

3.3 Global Hydrogen Fuel Cell Stacks Price by Manufacturers

3.4 Mergers & Acquisitions, Expansion Plans

# 4 HYDROGEN FUEL CELL STACKS PRODUCTION BY REGIONS

4.1 Global Hydrogen Fuel Cell Stacks Historic Market Facts & Figures by Regions

- 4.1.1 Global Top Hydrogen Fuel Cell Stacks Regions by Production (2015-2020)
- 4.1.2 Global Top Hydrogen Fuel Cell Stacks Regions by Revenue (2015-2020)
- 4.2 North America
  - 4.2.1 North America Hydrogen Fuel Cell Stacks Production (2015-2020)
  - 4.2.2 North America Hydrogen Fuel Cell Stacks Revenue (2015-2020)
  - 4.2.3 Key Players in North America
- 4.2.4 North America Hydrogen Fuel Cell Stacks Import & Export (2015-2020)4.3 Europe
- 4.3.1 Europe Hydrogen Fuel Cell Stacks Production (2015-2020)
- 4.3.2 Europe Hydrogen Fuel Cell Stacks Revenue (2015-2020)



4.3.3 Key Players in Europe

4.3.4 Europe Hydrogen Fuel Cell Stacks Import & Export (2015-2020)

4.4 China

- 4.4.1 China Hydrogen Fuel Cell Stacks Production (2015-2020)
- 4.4.2 China Hydrogen Fuel Cell Stacks Revenue (2015-2020)
- 4.4.3 Key Players in China
- 4.4.4 China Hydrogen Fuel Cell Stacks Import & Export (2015-2020)

4.5 Japan

- 4.5.1 Japan Hydrogen Fuel Cell Stacks Production (2015-2020)
- 4.5.2 Japan Hydrogen Fuel Cell Stacks Revenue (2015-2020)
- 4.5.3 Key Players in Japan

4.5.4 Japan Hydrogen Fuel Cell Stacks Import & Export (2015-2020)

### **5 HYDROGEN FUEL CELL STACKS CONSUMPTION BY REGION**

5.1 Global Top Hydrogen Fuel Cell Stacks Regions by Consumption

5.1.1 Global Top Hydrogen Fuel Cell Stacks Regions by Consumption (2015-2020)

5.1.2 Global Top Hydrogen Fuel Cell Stacks Regions Market Share by Consumption (2015-2020)

5.2 North America

5.2.1 North America Hydrogen Fuel Cell Stacks Consumption by Application

- 5.2.2 North America Hydrogen Fuel Cell Stacks Consumption by Countries
- 5.2.3 U.S.
- 5.2.4 Canada

5.3 Europe

- 5.3.1 Europe Hydrogen Fuel Cell Stacks Consumption by Application
- 5.3.2 Europe Hydrogen Fuel Cell Stacks Consumption by Countries
- 5.3.3 Germany
- 5.3.4 France
- 5.3.5 U.K.
- 5.3.6 Italy
- 5.3.7 Russia
- 5.4 Asia Pacific

5.4.1 Asia Pacific Hydrogen Fuel Cell Stacks Consumption by Application

5.4.2 Asia Pacific Hydrogen Fuel Cell Stacks Consumption by Regions

- 5.4.3 China
- 5.4.4 Japan
- 5.4.5 South Korea
- 5.4.6 India



- 5.4.7 Australia
- 5.4.8 Taiwan
- 5.4.9 Indonesia
- 5.4.10 Thailand
- 5.4.11 Malaysia
- 5.4.12 Philippines
- 5.4.13 Vietnam
- 5.5 Central & South America
- 5.5.1 Central & South America Hydrogen Fuel Cell Stacks Consumption by Application
- 5.5.2 Central & South America Hydrogen Fuel Cell Stacks Consumption by Country
- 5.5.3 Mexico
- 5.5.3 Brazil
- 5.5.3 Argentina
- 5.6 Middle East and Africa
  - 5.6.1 Middle East and Africa Hydrogen Fuel Cell Stacks Consumption by Application
  - 5.6.2 Middle East and Africa Hydrogen Fuel Cell Stacks Consumption by Countries
  - 5.6.3 Turkey
  - 5.6.4 Saudi Arabia
  - 5.6.5 U.A.E

# 6 MARKET SIZE BY TYPE (2015-2026)

- 6.1 Global Hydrogen Fuel Cell Stacks Market Size by Type (2015-2020)
- 6.1.1 Global Hydrogen Fuel Cell Stacks Production by Type (2015-2020)
- 6.1.2 Global Hydrogen Fuel Cell Stacks Revenue by Type (2015-2020)
- 6.1.3 Hydrogen Fuel Cell Stacks Price by Type (2015-2020)
- 6.2 Global Hydrogen Fuel Cell Stacks Market Forecast by Type (2021-2026)
- 6.2.1 Global Hydrogen Fuel Cell Stacks Production Forecast by Type (2021-2026)
- 6.2.2 Global Hydrogen Fuel Cell Stacks Revenue Forecast by Type (2021-2026)
- 6.2.3 Global Hydrogen Fuel Cell Stacks Price Forecast by Type (2021-2026)

6.3 Global Hydrogen Fuel Cell Stacks Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

# 7 MARKET SIZE BY APPLICATION (2015-2026)

7.2.1 Global Hydrogen Fuel Cell Stacks Consumption Historic Breakdown by Application (2015-2020)

7.2.2 Global Hydrogen Fuel Cell Stacks Consumption Forecast by Application (2021-2026)



#### **8 CORPORATE PROFILES**

8.1 Pragma Industries

8.1.1 Pragma Industries Corporation Information

8.1.2 Pragma Industries Overview and Its Total Revenue

8.1.3 Pragma Industries Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.1.4 Pragma Industries Product Description
- 8.1.5 Pragma Industries Recent Development

8.2 Fuel Cell Store

8.2.1 Fuel Cell Store Corporation Information

8.2.2 Fuel Cell Store Overview and Its Total Revenue

8.2.3 Fuel Cell Store Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.2.4 Fuel Cell Store Product Description

8.2.5 Fuel Cell Store Recent Development

8.3 Ballard Power

- 8.3.1 Ballard Power Corporation Information
- 8.3.2 Ballard Power Overview and Its Total Revenue
- 8.3.3 Ballard Power Production Capacity and Supply, Price, Revenue and Gross

Margin (2015-2020)

- 8.3.4 Ballard Power Product Description
- 8.3.5 Ballard Power Recent Development

8.4 Pearl Hydrogen

- 8.4.1 Pearl Hydrogen Corporation Information
- 8.4.2 Pearl Hydrogen Overview and Its Total Revenue

8.4.3 Pearl Hydrogen Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

- 8.4.4 Pearl Hydrogen Product Description
- 8.4.5 Pearl Hydrogen Recent Development

8.5 Sunrise Power

- 8.5.1 Sunrise Power Corporation Information
- 8.5.2 Sunrise Power Overview and Its Total Revenue

8.5.3 Sunrise Power Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.5.4 Sunrise Power Product Description

8.5.5 Sunrise Power Recent Development

8.6 Mingtian Hydrogen Energy Technology



8.6.1 Mingtian Hydrogen Energy Technology Corporation Information

8.6.2 Mingtian Hydrogen Energy Technology Overview and Its Total Revenue

8.6.3 Mingtian Hydrogen Energy Technology Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.6.4 Mingtian Hydrogen Energy Technology Product Description

8.6.5 Mingtian Hydrogen Energy Technology Recent Development

8.7 Shanghai Shenli Technology

8.7.1 Shanghai Shenli Technology Corporation Information

8.7.2 Shanghai Shenli Technology Overview and Its Total Revenue

8.7.3 Shanghai Shenli Technology Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.7.4 Shanghai Shenli Technology Product Description

8.7.5 Shanghai Shenli Technology Recent Development

8.8 Sinosynergy

8.8.1 Sinosynergy Corporation Information

8.8.2 Sinosynergy Overview and Its Total Revenue

8.8.3 Sinosynergy Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.8.4 Sinosynergy Product Description

8.8.5 Sinosynergy Recent Development

8.9 Edelman Hydrogen Energy Equipment

8.9.1 Edelman Hydrogen Energy Equipment Corporation Information

8.9.2 Edelman Hydrogen Energy Equipment Overview and Its Total Revenue

8.9.3 Edelman Hydrogen Energy Equipment Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.9.4 Edelman Hydrogen Energy Equipment Product Description

8.9.5 Edelman Hydrogen Energy Equipment Recent Development

#### **9 PRODUCTION FORECASTS BY REGIONS**

9.1 Global Top Hydrogen Fuel Cell Stacks Regions Forecast by Revenue (2021-2026)

9.2 Global Top Hydrogen Fuel Cell Stacks Regions Forecast by Production (2021-2026)

9.3 Key Hydrogen Fuel Cell Stacks Production Regions Forecast

9.3.1 North America

9.3.2 Europe

9.3.3 China

9.3.4 Japan

**10 HYDROGEN FUEL CELL STACKS CONSUMPTION FORECAST BY REGION** 



10.1 Global Hydrogen Fuel Cell Stacks Consumption Forecast by Region (2021-2026)
10.2 North America Hydrogen Fuel Cell Stacks Consumption Forecast by Region (2021-2026)
10.3 Europe Hydrogen Fuel Cell Stacks Consumption Forecast by Region (2021-2026)
10.4 Asia Pacific Hydrogen Fuel Cell Stacks Consumption Forecast by Region

(2021-2026)

10.5 Latin America Hydrogen Fuel Cell Stacks Consumption Forecast by Region (2021-2026)

10.6 Middle East and Africa Hydrogen Fuel Cell Stacks Consumption Forecast by Region (2021-2026)

### 11 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 11.1 Value Chain Analysis
- 11.2 Sales Channels Analysis
- 11.2.1 Hydrogen Fuel Cell Stacks Sales Channels
- 11.2.2 Hydrogen Fuel Cell Stacks Distributors
- 11.3 Hydrogen Fuel Cell Stacks Customers

# 12 MARKET OPPORTUNITIES & CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

- 12.1 Market Opportunities and Drivers
- 12.2 Market Challenges
- 12.3 Market Risks/Restraints
- 12.4 Porter's Five Forces Analysis

#### 13 KEY FINDING IN THE GLOBAL HYDROGEN FUEL CELL STACKS STUDY

#### **14 APPENDIX**

- 14.1 Research Methodology
- 14.1.1 Methodology/Research Approach
- 14.1.2 Data Source
- 14.2 Author Details
- 14.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Hydrogen Fuel Cell Stacks Key Market Segments in This Study

Table 2. Ranking of Global Top Hydrogen Fuel Cell Stacks Manufacturers by Revenue (US\$ Million) in 2019

Table 3. Global Hydrogen Fuel Cell Stacks Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)

Table 4. Major Manufacturers of Air-cooled Type

Table 5. Major Manufacturers of Water-cooled Type

Table 6. COVID-19 Impact Global Market: (Four Hydrogen Fuel Cell Stacks Market Size Forecast Scenarios)

Table 7. Opportunities and Trends for Hydrogen Fuel Cell Stacks Players in the COVID-19 Landscape

 Table 8. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis

Table 9. Key Regions/Countries Measures against Covid-19 Impact

Table 10. Proposal for Hydrogen Fuel Cell Stacks Players to Combat Covid-19 Impact

Table 11. Global Hydrogen Fuel Cell Stacks Market Size Growth Rate by Application 2020-2026 (K Units)

Table 12. Global Hydrogen Fuel Cell Stacks Market Size by Region in US\$ Million: 2015 VS 2020 VS 2026

Table 13. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Global Hydrogen Fuel Cell Stacks by Company Type (Tier 1, Tier 2 and Tier

3) (based on the Revenue in Hydrogen Fuel Cell Stacks as of 2019)

Table 15. Hydrogen Fuel Cell Stacks Manufacturing Base Distribution and Headquarters

Table 16. Manufacturers Hydrogen Fuel Cell Stacks Product Offered

Table 17. Date of Manufacturers Enter into Hydrogen Fuel Cell Stacks Market

Table 18. Key Trends for Hydrogen Fuel Cell Stacks Markets & Products

Table 19. Main Points Interviewed from Key Hydrogen Fuel Cell Stacks Players

Table 20. Global Hydrogen Fuel Cell Stacks Production Capacity by Manufacturers (2015-2020) (K Units)

Table 21. Global Hydrogen Fuel Cell Stacks Production Share by Manufacturers (2015-2020)

Table 22. Hydrogen Fuel Cell Stacks Revenue by Manufacturers (2015-2020) (Million US\$)

Table 23. Hydrogen Fuel Cell Stacks Revenue Share by Manufacturers (2015-2020) Table 24. Hydrogen Fuel Cell Stacks Price by Manufacturers 2015-2020 (USD/Unit)



Table 25. Mergers & Acquisitions, Expansion Plans

Table 26. Global Hydrogen Fuel Cell Stacks Production by Regions (2015-2020) (K Units)

Table 27. Global Hydrogen Fuel Cell Stacks Production Market Share by Regions (2015-2020)

Table 28. Global Hydrogen Fuel Cell Stacks Revenue by Regions (2015-2020) (US\$ Million)

Table 29. Global Hydrogen Fuel Cell Stacks Revenue Market Share by Regions (2015-2020)

Table 30. Key Hydrogen Fuel Cell Stacks Players in North America

Table 31. Import & Export of Hydrogen Fuel Cell Stacks in North America (K Units)

Table 32. Key Hydrogen Fuel Cell Stacks Players in Europe

Table 33. Import & Export of Hydrogen Fuel Cell Stacks in Europe (K Units)

Table 34. Key Hydrogen Fuel Cell Stacks Players in China

Table 35. Import & Export of Hydrogen Fuel Cell Stacks in China (K Units)

Table 36. Key Hydrogen Fuel Cell Stacks Players in Japan

Table 37. Import & Export of Hydrogen Fuel Cell Stacks in Japan (K Units)

Table 38. Global Hydrogen Fuel Cell Stacks Consumption by Regions (2015-2020) (K Units)

Table 39. Global Hydrogen Fuel Cell Stacks Consumption Market Share by Regions (2015-2020)

Table 40. North America Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 41. North America Hydrogen Fuel Cell Stacks Consumption by Countries (2015-2020) (K Units)

Table 42. Europe Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 43. Europe Hydrogen Fuel Cell Stacks Consumption by Countries (2015-2020) (K Units)

Table 44. Asia Pacific Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 45. Asia Pacific Hydrogen Fuel Cell Stacks Consumption Market Share by Application (2015-2020) (K Units)

Table 46. Asia Pacific Hydrogen Fuel Cell Stacks Consumption by Regions (2015-2020) (K Units)

Table 47. Latin America Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 48. Latin America Hydrogen Fuel Cell Stacks Consumption by Countries(2015-2020) (K Units)



Table 49. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 50. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption by Countries (2015-2020) (K Units)

Table 51. Global Hydrogen Fuel Cell Stacks Production by Type (2015-2020) (K Units)

Table 52. Global Hydrogen Fuel Cell Stacks Production Share by Type (2015-2020)

Table 53. Global Hydrogen Fuel Cell Stacks Revenue by Type (2015-2020) (Million US\$)

Table 54. Global Hydrogen Fuel Cell Stacks Revenue Share by Type (2015-2020)

Table 55. Hydrogen Fuel Cell Stacks Price by Type 2015-2020 (USD/Unit)

Table 56. Global Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 57. Global Hydrogen Fuel Cell Stacks Consumption by Application (2015-2020) (K Units)

Table 58. Global Hydrogen Fuel Cell Stacks Consumption Share by Application (2015-2020)

Table 59. Pragma Industries Corporation Information

Table 60. Pragma Industries Description and Major Businesses

Table 61. Pragma Industries Hydrogen Fuel Cell Stacks Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 62. Pragma Industries Product

Table 63. Pragma Industries Recent Development

Table 64. Fuel Cell Store Corporation Information

Table 65. Fuel Cell Store Description and Major Businesses

Table 66. Fuel Cell Store Hydrogen Fuel Cell Stacks Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 67. Fuel Cell Store Product

Table 68. Fuel Cell Store Recent Development

Table 69. Ballard Power Corporation Information

Table 70. Ballard Power Description and Major Businesses

Table 71. Ballard Power Hydrogen Fuel Cell Stacks Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 72. Ballard Power Product

Table 73. Ballard Power Recent Development

Table 74. Pearl Hydrogen Corporation Information

Table 75. Pearl Hydrogen Description and Major Businesses

Table 76. Pearl Hydrogen Hydrogen Fuel Cell Stacks Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 77. Pearl Hydrogen Product



Table 78. Pearl Hydrogen Recent Development

- Table 79. Sunrise Power Corporation Information
- Table 80. Sunrise Power Description and Major Businesses
- Table 81. Sunrise Power Hydrogen Fuel Cell Stacks Production (K Units), Revenue
- (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 82. Sunrise Power Product
- Table 83. Sunrise Power Recent Development
- Table 84. Mingtian Hydrogen Energy Technology Corporation Information
- Table 85. Mingtian Hydrogen Energy Technology Description and Major Businesses
- Table 86. Mingtian Hydrogen Energy Technology Hydrogen Fuel Cell Stacks Production
- (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 87. Mingtian Hydrogen Energy Technology Product
- Table 88. Mingtian Hydrogen Energy Technology Recent Development
- Table 89. Shanghai Shenli Technology Corporation Information
- Table 90. Shanghai Shenli Technology Description and Major Businesses
- Table 91. Shanghai Shenli Technology Hydrogen Fuel Cell Stacks Production (K Units),
- Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 92. Shanghai Shenli Technology Product
- Table 93. Shanghai Shenli Technology Recent Development
- Table 94. Sinosynergy Corporation Information
- Table 95. Sinosynergy Description and Major Businesses
- Table 96. Sinosynergy Hydrogen Fuel Cell Stacks Production (K Units), Revenue (US\$
- Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 97. Sinosynergy Product
- Table 98. Sinosynergy Recent Development
- Table 99. Edelman Hydrogen Energy Equipment Corporation Information
- Table 100. Edelman Hydrogen Energy Equipment Description and Major Businesses
- Table 101. Edelman Hydrogen Energy Equipment Hydrogen Fuel Cell Stacks

Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

- Table 102. Edelman Hydrogen Energy Equipment Product
- Table 103. Edelman Hydrogen Energy Equipment Recent Development

Table 104. Global Hydrogen Fuel Cell Stacks Revenue Forecast by Region (2021-2026) (Million US\$)

- Table 105. Global Hydrogen Fuel Cell Stacks Production Forecast by Regions (2021-2026) (K Units)
- Table 106. Global Hydrogen Fuel Cell Stacks Production Forecast by Type (2021-2026) (K Units)

Table 107. Global Hydrogen Fuel Cell Stacks Revenue Forecast by Type (2021-2026)



(Million US\$)

Table 108. North America Hydrogen Fuel Cell Stacks Consumption Forecast by Regions (2021-2026) (K Units)

Table 109. Europe Hydrogen Fuel Cell Stacks Consumption Forecast by Regions (2021-2026) (K Units)

Table 110. Asia Pacific Hydrogen Fuel Cell Stacks Consumption Forecast by Regions (2021-2026) (K Units)

Table 111. Latin America Hydrogen Fuel Cell Stacks Consumption Forecast by Regions (2021-2026) (K Units)

Table 112. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption Forecast by Regions (2021-2026) (K Units)

- Table 113. Hydrogen Fuel Cell Stacks Distributors List
- Table 114. Hydrogen Fuel Cell Stacks Customers List
- Table 115. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 116. Key Challenges
- Table 117. Market Risks
- Table 118. Research Programs/Design for This Report
- Table 119. Key Data Information from Secondary Sources
- Table 120. Key Data Information from Primary Sources



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Hydrogen Fuel Cell Stacks Product Picture

Figure 2. Global Hydrogen Fuel Cell Stacks Production Market Share by Type in 2020 & 2026

- Figure 3. Air-cooled Type Product Picture
- Figure 4. Water-cooled Type Product Picture
- Figure 5. Global Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2020 & 2026
- Figure 6. Fuel Cell Electric Vehicles (FCEVs)
- Figure 7. Cogeneration
- Figure 8. Portable Power Systems

Figure 9. Hydrogen Fuel Cell Stacks Report Years Considered

- Figure 10. Global Hydrogen Fuel Cell Stacks Revenue 2015-2026 (Million US\$)
- Figure 11. Global Hydrogen Fuel Cell Stacks Production Capacity 2015-2026 (K Units)
- Figure 12. Global Hydrogen Fuel Cell Stacks Production 2015-2026 (K Units)
- Figure 13. Global Hydrogen Fuel Cell Stacks Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 14. Hydrogen Fuel Cell Stacks Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 15. Global Hydrogen Fuel Cell Stacks Production Share by Manufacturers in 2015
- Figure 16. The Top 10 and Top 5 Players Market Share by Hydrogen Fuel Cell Stacks Revenue in 2019
- Figure 17. Global Hydrogen Fuel Cell Stacks Production Market Share by Region (2015-2020)
- Figure 18. Hydrogen Fuel Cell Stacks Production Growth Rate in North America (2015-2020) (K Units)
- Figure 19. Hydrogen Fuel Cell Stacks Revenue Growth Rate in North America (2015-2020) (US\$ Million)
- Figure 20. Hydrogen Fuel Cell Stacks Production Growth Rate in Europe (2015-2020) (K Units)
- Figure 21. Hydrogen Fuel Cell Stacks Revenue Growth Rate in Europe (2015-2020) (US\$ Million)
- Figure 22. Hydrogen Fuel Cell Stacks Production Growth Rate in China (2015-2020) (K Units)
- Figure 23. Hydrogen Fuel Cell Stacks Revenue Growth Rate in China (2015-2020)



(US\$ Million)

Figure 24. Hydrogen Fuel Cell Stacks Production Growth Rate in Japan (2015-2020) (K Units)

Figure 25. Hydrogen Fuel Cell Stacks Revenue Growth Rate in Japan (2015-2020) (US\$ Million)

Figure 26. Global Hydrogen Fuel Cell Stacks Consumption Market Share by Regions 2015-2020

Figure 27. North America Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 28. North America Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2019

Figure 29. North America Hydrogen Fuel Cell Stacks Consumption Market Share by Countries in 2019

Figure 30. U.S. Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 31. Canada Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 32. Europe Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 33. Europe Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2019

Figure 34. Europe Hydrogen Fuel Cell Stacks Consumption Market Share by Countries in 2019

Figure 35. Germany Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 36. France Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 37. U.K. Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 38. Italy Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 39. Russia Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 40. Asia Pacific Hydrogen Fuel Cell Stacks Consumption and Growth Rate (K Units)

Figure 41. Asia Pacific Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2019

Figure 42. Asia Pacific Hydrogen Fuel Cell Stacks Consumption Market Share by Regions in 2019



Figure 43. China Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 44. Japan Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 45. South Korea Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 46. India Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 47. Australia Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 48. Taiwan Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 49. Indonesia Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 50. Thailand Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 51. Malaysia Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 52. Philippines Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 53. Vietnam Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 54. Latin America Hydrogen Fuel Cell Stacks Consumption and Growth Rate (K Units)

Figure 55. Latin America Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2019

Figure 56. Latin America Hydrogen Fuel Cell Stacks Consumption Market Share by Countries in 2019

Figure 57. Mexico Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 58. Brazil Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 59. Argentina Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 60. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption and Growth Rate (K Units)

Figure 61. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption Market Share by Application in 2019

Figure 62. Middle East and Africa Hydrogen Fuel Cell Stacks Consumption Market



Share by Countries in 2019

Figure 63. Turkey Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 64. Saudi Arabia Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 65. U.A.E Hydrogen Fuel Cell Stacks Consumption and Growth Rate (2015-2020) (K Units)

Figure 66. Global Hydrogen Fuel Cell Stacks Production Market Share by Type (2015-2020)

Figure 67. Global Hydrogen Fuel Cell Stacks Production Market Share by Type in 2019 Figure 68. Global Hydrogen Fuel Cell Stacks Revenue Market Share by Type (2015-2020)

Figure 69. Global Hydrogen Fuel Cell Stacks Revenue Market Share by Type in 2019 Figure 70. Global Hydrogen Fuel Cell Stacks Production Market Share Forecast by Type (2021-2026)

Figure 71. Global Hydrogen Fuel Cell Stacks Revenue Market Share Forecast by Type (2021-2026)

Figure 72. Global Hydrogen Fuel Cell Stacks Market Share by Price Range (2015-2020) Figure 73. Global Hydrogen Fuel Cell Stacks Consumption Market Share by Application (2015-2020)

Figure 74. Global Hydrogen Fuel Cell Stacks Value (Consumption) Market Share by Application (2015-2020)

Figure 75. Global Hydrogen Fuel Cell Stacks Consumption Market Share Forecast by Application (2021-2026)

Figure 76. Pragma Industries Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 77. Fuel Cell Store Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 78. Ballard Power Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 79. Pearl Hydrogen Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 80. Sunrise Power Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 81. Mingtian Hydrogen Energy Technology Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 82. Shanghai Shenli Technology Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 83. Sinosynergy Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 84. Edelman Hydrogen Energy Equipment Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 85. Global Hydrogen Fuel Cell Stacks Revenue Forecast by Regions (2021-2026) (US\$ Million)

Figure 86. Global Hydrogen Fuel Cell Stacks Revenue Market Share Forecast by



Regions ((2021-2026))

Figure 87. Global Hydrogen Fuel Cell Stacks Production Forecast by Regions (2021-2026) (K Units)

Figure 88. North America Hydrogen Fuel Cell Stacks Production Forecast (2021-2026) (K Units)

Figure 89. North America Hydrogen Fuel Cell Stacks Revenue Forecast (2021-2026) (US\$ Million)

Figure 90. Europe Hydrogen Fuel Cell Stacks Production Forecast (2021-2026) (K Units)

Figure 91. Europe Hydrogen Fuel Cell Stacks Revenue Forecast (2021-2026) (US\$ Million)

Figure 92. China Hydrogen Fuel Cell Stacks Production Forecast (2021-2026) (K Units)

Figure 93. China Hydrogen Fuel Cell Stacks Revenue Forecast (2021-2026) (US\$ Million)

Figure 94. Japan Hydrogen Fuel Cell Stacks Production Forecast (2021-2026) (K Units) Figure 95. Japan Hydrogen Fuel Cell Stacks Revenue Forecast (2021-2026) (US\$ Million)

Figure 96. Global Hydrogen Fuel Cell Stacks Consumption Market Share Forecast by Region (2021-2026)

- Figure 97. Hydrogen Fuel Cell Stacks Value Chain
- Figure 98. Channels of Distribution
- Figure 99. Distributors Profiles
- Figure 100. Porter's Five Forces Analysis
- Figure 101. Bottom-up and Top-down Approaches for This Report
- Figure 102. Data Triangulation
- Figure 103. Key Executives Interviewed



#### I would like to order

Product name: Covid-19 Impact on Global Hydrogen Fuel Cell Stacks Market Insights, Forecast to 2026 Product link: <u>https://marketpublishers.com/r/CFD391149133EN.html</u>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/CFD391149133EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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