

# Global Automotive Fuel Cells Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

<https://marketpublishers.com/r/G75994C6C3BEEN.html>

Date: September 2023

Pages: 116

Price: US\$ 3,250.00 (Single User License)

ID: G75994C6C3BEEN

## Abstracts

The fuel cell is a device which is converting the chemical energy from a fuel into electricity with a chemical reaction. The fuel cells involve a continuous source of fuel and oxygen to sustain the chemical reaction and can yield electricity for as long as these inputs are supplied. Every fuel cell is made up of three parts such as an anode, an electrolyte, and a cathode. The increasing number of advancements and need of fuel cells is reducing a dependency on foreign countries for oil, environmental concerns, rising oil prices, and also proves to be a good competitor for electric vehicles which faces the problems of bulky and very costly batteries.

The report combines extensive quantitative analysis and exhaustive qualitative analysis, ranges from a macro overview of the total market size, industry chain, and market dynamics to micro details of segment markets by type, application and region, and, as a result, provides a holistic view of, as well as a deep insight into the Automotive Fuel Cells market covering all its essential aspects.

For the competitive landscape, the report also introduces players in the industry from the perspective of the market share, concentration ratio, etc., and describes the leading companies in detail, with which the readers can get a better idea of their competitors and acquire an in-depth understanding of the competitive situation. Further, mergers & acquisitions, emerging market trends, the impact of COVID-19, and regional conflicts will all be considered.

In a nutshell, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the market in any manner.

Key players in the global Automotive Fuel Cells market are covered in Chapter 9:

Umicore  
ElringKlinger  
Air Liquide  
Hydrogenics  
Horizon Fuel Cell Technologies  
Nedstack Fuel Cell Technology  
Valmet Automotive  
WATT Fuel Cell Corp  
Plug Power  
Hyundai Motor Company  
PowerCell Sweden AB  
Pragma Industries  
Nuvera Fuel Cells, LLC  
AVL  
Ballard Power Systems  
Intelligent Energy

In Chapter 5 and Chapter 7.3, based on types, the Automotive Fuel Cells market from 2017 to 2027 is primarily split into:

Proton Exchange Membrane Fuel Cell (PEMFC)  
Phosphoric Acid Fuel Cell (PAFC)  
Others

In Chapter 6 and Chapter 7.4, based on applications, the Automotive Fuel Cells market from 2017 to 2027 covers:

Passenger Vehicles  
Light Commercial Vehicles (LCVs)  
Bus  
Trucks

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historical data and forecast (2017-2027) of the following regions are covered in Chapter 4 and Chapter 7:

United States  
Europe  
China  
Japan

India

Southeast Asia

Latin America

Middle East and Africa

Client Focus

1. Does this report consider the impact of COVID-19 and the Russia-Ukraine war on the Automotive Fuel Cells market?

Yes. As the COVID-19 and the Russia-Ukraine war are profoundly affecting the global supply chain relationship and raw material price system, we have definitely taken them into consideration throughout the research, and in Chapters 1.7, 2.7, 4.X.1, 7.5, 8.7, we elaborate at full length on the impact of the pandemic and the war on the Automotive Fuel Cells Industry.

2. How do you determine the list of the key players included in the report?

With the aim of clearly revealing the competitive situation of the industry, we concretely analyze not only the leading enterprises that have a voice on a global scale, but also the regional small and medium-sized companies that play key roles and have plenty of potential growth.

Please find the key player list in Summary.

3. What are your main data sources?

Both Primary and Secondary data sources are being used while compiling the report. Primary sources include extensive interviews of key opinion leaders and industry experts (such as experienced front-line staff, directors, CEOs, and marketing executives), downstream distributors, as well as end-users.

Secondary sources include the research of the annual and financial reports of the top companies, public files, new journals, etc. We also cooperate with some third-party databases.

Please find a more complete list of data sources in Chapters 11.2.1 & 11.2.2.

4. Can I modify the scope of the report and customize it to suit my requirements?

Yes. Customized requirements of multi-dimensional, deep-level and high-quality can help our customers precisely grasp market opportunities, effortlessly confront market challenges, properly formulate market strategies and act promptly, thus to win them sufficient time and space for market competition.

Outline

Chapter 1 mainly defines the market scope and introduces the macro overview of the industry, with an executive summary of different market segments ((by type, application, region, etc.), including the definition, market size, and trend of each market segment.

Chapter 2 provides a qualitative analysis of the current status and future trends of the market. Industry Entry Barriers, market drivers, market challenges, emerging markets, consumer preference analysis, together with the impact of the COVID-19 outbreak will all be thoroughly explained.

Chapter 3 analyzes the current competitive situation of the market by providing data regarding the players, including their sales volume and revenue with corresponding market shares, price and gross margin. In addition, information about market concentration ratio, mergers, acquisitions, and expansion plans will also be covered.

Chapter 4 focuses on the regional market, presenting detailed data (i.e., sales volume, revenue, price, gross margin) of the most representative regions and countries in the world.

Chapter 5 provides the analysis of various market segments according to product types, covering sales volume, revenue along with market share and growth rate, plus the price analysis of each type.

Chapter 6 shows the breakdown data of different applications, including the consumption and revenue with market share and growth rate, with the aim of helping the readers to take a close-up look at the downstream market.

Chapter 7 provides a combination of quantitative and qualitative analyses of the market size and development trends in the next five years. The forecast information of the whole, as well as the breakdown market, offers the readers a chance to look into the future of the industry.

Chapter 8 is the analysis of the whole market industrial chain, covering key raw materials suppliers and price analysis, manufacturing cost structure analysis, alternative product analysis, also providing information on major distributors, downstream buyers, and the impact of COVID-19 pandemic.

Chapter 9 shares a list of the key players in the market, together with their basic information, product profiles, market performance (i.e., sales volume, price, revenue, gross margin), recent development, SWOT analysis, etc.

Chapter 10 is the conclusion of the report which helps the readers to sum up the main findings and points.

Chapter 11 introduces the market research methods and data sources.

Years considered for this report:

Historical Years: 2017-2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2022-2027

## Contents

### 1 AUTOMOTIVE FUEL CELLS MARKET OVERVIEW

- 1.1 Product Overview and Scope of Automotive Fuel Cells Market
- 1.2 Automotive Fuel Cells Market Segment by Type
  - 1.2.1 Global Automotive Fuel Cells Market Sales Volume and CAGR (%) Comparison by Type (2017-2027)
- 1.3 Global Automotive Fuel Cells Market Segment by Application
  - 1.3.1 Automotive Fuel Cells Market Consumption (Sales Volume) Comparison by Application (2017-2027)
- 1.4 Global Automotive Fuel Cells Market, Region Wise (2017-2027)
  - 1.4.1 Global Automotive Fuel Cells Market Size (Revenue) and CAGR (%) Comparison by Region (2017-2027)
  - 1.4.2 United States Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.3 Europe Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.4 China Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.5 Japan Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.6 India Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.7 Southeast Asia Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.8 Latin America Automotive Fuel Cells Market Status and Prospect (2017-2027)
  - 1.4.9 Middle East and Africa Automotive Fuel Cells Market Status and Prospect (2017-2027)
- 1.5 Global Market Size of Automotive Fuel Cells (2017-2027)
  - 1.5.1 Global Automotive Fuel Cells Market Revenue Status and Outlook (2017-2027)
  - 1.5.2 Global Automotive Fuel Cells Market Sales Volume Status and Outlook (2017-2027)
- 1.6 Global Macroeconomic Analysis
- 1.7 The impact of the Russia-Ukraine war on the Automotive Fuel Cells Market

### 2 INDUSTRY OUTLOOK

- 2.1 Automotive Fuel Cells Industry Technology Status and Trends
- 2.2 Industry Entry Barriers
  - 2.2.1 Analysis of Financial Barriers
  - 2.2.2 Analysis of Technical Barriers
  - 2.2.3 Analysis of Talent Barriers
  - 2.2.4 Analysis of Brand Barrier
- 2.3 Automotive Fuel Cells Market Drivers Analysis

- 2.4 Automotive Fuel Cells Market Challenges Analysis
- 2.5 Emerging Market Trends
- 2.6 Consumer Preference Analysis
- 2.7 Automotive Fuel Cells Industry Development Trends under COVID-19 Outbreak
  - 2.7.1 Global COVID-19 Status Overview
  - 2.7.2 Influence of COVID-19 Outbreak on Automotive Fuel Cells Industry Development

### **3 GLOBAL AUTOMOTIVE FUEL CELLS MARKET LANDSCAPE BY PLAYER**

- 3.1 Global Automotive Fuel Cells Sales Volume and Share by Player (2017-2022)
- 3.2 Global Automotive Fuel Cells Revenue and Market Share by Player (2017-2022)
- 3.3 Global Automotive Fuel Cells Average Price by Player (2017-2022)
- 3.4 Global Automotive Fuel Cells Gross Margin by Player (2017-2022)
- 3.5 Automotive Fuel Cells Market Competitive Situation and Trends
  - 3.5.1 Automotive Fuel Cells Market Concentration Rate
  - 3.5.2 Automotive Fuel Cells Market Share of Top 3 and Top 6 Players
  - 3.5.3 Mergers & Acquisitions, Expansion

### **4 GLOBAL AUTOMOTIVE FUEL CELLS SALES VOLUME AND REVENUE REGION WISE (2017-2022)**

- 4.1 Global Automotive Fuel Cells Sales Volume and Market Share, Region Wise (2017-2022)
- 4.2 Global Automotive Fuel Cells Revenue and Market Share, Region Wise (2017-2022)
- 4.3 Global Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)
- 4.4 United States Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.4.1 United States Automotive Fuel Cells Market Under COVID-19
- 4.5 Europe Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.5.1 Europe Automotive Fuel Cells Market Under COVID-19
- 4.6 China Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.6.1 China Automotive Fuel Cells Market Under COVID-19
- 4.7 Japan Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.7.1 Japan Automotive Fuel Cells Market Under COVID-19

4.8 India Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.8.1 India Automotive Fuel Cells Market Under COVID-19

4.9 Southeast Asia Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.9.1 Southeast Asia Automotive Fuel Cells Market Under COVID-19

4.10 Latin America Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.10.1 Latin America Automotive Fuel Cells Market Under COVID-19

4.11 Middle East and Africa Automotive Fuel Cells Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.11.1 Middle East and Africa Automotive Fuel Cells Market Under COVID-19

## **5 GLOBAL AUTOMOTIVE FUEL CELLS SALES VOLUME, REVENUE, PRICE TREND BY TYPE**

5.1 Global Automotive Fuel Cells Sales Volume and Market Share by Type (2017-2022)

5.2 Global Automotive Fuel Cells Revenue and Market Share by Type (2017-2022)

5.3 Global Automotive Fuel Cells Price by Type (2017-2022)

5.4 Global Automotive Fuel Cells Sales Volume, Revenue and Growth Rate by Type (2017-2022)

5.4.1 Global Automotive Fuel Cells Sales Volume, Revenue and Growth Rate of Proton Exchange Membrane Fuel Cell (PEMFC) (2017-2022)

5.4.2 Global Automotive Fuel Cells Sales Volume, Revenue and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2017-2022)

5.4.3 Global Automotive Fuel Cells Sales Volume, Revenue and Growth Rate of Others (2017-2022)

## **6 GLOBAL AUTOMOTIVE FUEL CELLS MARKET ANALYSIS BY APPLICATION**

6.1 Global Automotive Fuel Cells Consumption and Market Share by Application (2017-2022)

6.2 Global Automotive Fuel Cells Consumption Revenue and Market Share by Application (2017-2022)

6.3 Global Automotive Fuel Cells Consumption and Growth Rate by Application (2017-2022)

6.3.1 Global Automotive Fuel Cells Consumption and Growth Rate of Passenger Vehicles (2017-2022)

6.3.2 Global Automotive Fuel Cells Consumption and Growth Rate of Light



Commercial Vehicles (LCVs) (2017-2022)

6.3.3 Global Automotive Fuel Cells Consumption and Growth Rate of Bus (2017-2022)

6.3.4 Global Automotive Fuel Cells Consumption and Growth Rate of Trucks (2017-2022)

## **7 GLOBAL AUTOMOTIVE FUEL CELLS MARKET FORECAST (2022-2027)**

7.1 Global Automotive Fuel Cells Sales Volume, Revenue Forecast (2022-2027)

7.1.1 Global Automotive Fuel Cells Sales Volume and Growth Rate Forecast (2022-2027)

7.1.2 Global Automotive Fuel Cells Revenue and Growth Rate Forecast (2022-2027)

7.1.3 Global Automotive Fuel Cells Price and Trend Forecast (2022-2027)

7.2 Global Automotive Fuel Cells Sales Volume and Revenue Forecast, Region Wise (2022-2027)

7.2.1 United States Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.2 Europe Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.3 China Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.4 Japan Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.5 India Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.6 Southeast Asia Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.7 Latin America Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.2.8 Middle East and Africa Automotive Fuel Cells Sales Volume and Revenue Forecast (2022-2027)

7.3 Global Automotive Fuel Cells Sales Volume, Revenue and Price Forecast by Type (2022-2027)

7.3.1 Global Automotive Fuel Cells Revenue and Growth Rate of Proton Exchange Membrane Fuel Cell (PEMFC) (2022-2027)

7.3.2 Global Automotive Fuel Cells Revenue and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2022-2027)

7.3.3 Global Automotive Fuel Cells Revenue and Growth Rate of Others (2022-2027)

7.4 Global Automotive Fuel Cells Consumption Forecast by Application (2022-2027)

7.4.1 Global Automotive Fuel Cells Consumption Value and Growth Rate of Passenger Vehicles(2022-2027)

7.4.2 Global Automotive Fuel Cells Consumption Value and Growth Rate of Light Commercial Vehicles (LCVs)(2022-2027)

7.4.3 Global Automotive Fuel Cells Consumption Value and Growth Rate of

Bus(2022-2027)

7.4.4 Global Automotive Fuel Cells Consumption Value and Growth Rate of Trucks(2022-2027)

7.5 Automotive Fuel Cells Market Forecast Under COVID-19

## **8 AUTOMOTIVE FUEL CELLS MARKET UPSTREAM AND DOWNSTREAM ANALYSIS**

8.1 Automotive Fuel Cells Industrial Chain Analysis

8.2 Key Raw Materials Suppliers and Price Analysis

8.3 Manufacturing Cost Structure Analysis

8.3.1 Labor Cost Analysis

8.3.2 Energy Costs Analysis

8.3.3 R&D Costs Analysis

8.4 Alternative Product Analysis

8.5 Major Distributors of Automotive Fuel Cells Analysis

8.6 Major Downstream Buyers of Automotive Fuel Cells Analysis

8.7 Impact of COVID-19 and the Russia-Ukraine war on the Upstream and Downstream in the Automotive Fuel Cells Industry

## **9 PLAYERS PROFILES**

9.1 Umicore

9.1.1 Umicore Basic Information, Manufacturing Base, Sales Region and Competitors

9.1.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.1.3 Umicore Market Performance (2017-2022)

9.1.4 Recent Development

9.1.5 SWOT Analysis

9.2 ElringKlinger

9.2.1 ElringKlinger Basic Information, Manufacturing Base, Sales Region and Competitors

9.2.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.2.3 ElringKlinger Market Performance (2017-2022)

9.2.4 Recent Development

9.2.5 SWOT Analysis

9.3 Air Liquide

9.3.1 Air Liquide Basic Information, Manufacturing Base, Sales Region and Competitors

9.3.2 Automotive Fuel Cells Product Profiles, Application and Specification

- 9.3.3 Air Liquide Market Performance (2017-2022)
- 9.3.4 Recent Development
- 9.3.5 SWOT Analysis
- 9.4 Hydrogenics
  - 9.4.1 Hydrogenics Basic Information, Manufacturing Base, Sales Region and Competitors
  - 9.4.2 Automotive Fuel Cells Product Profiles, Application and Specification
  - 9.4.3 Hydrogenics Market Performance (2017-2022)
  - 9.4.4 Recent Development
  - 9.4.5 SWOT Analysis
- 9.5 Horizon Fuel Cell Technologies
  - 9.5.1 Horizon Fuel Cell Technologies Basic Information, Manufacturing Base, Sales Region and Competitors
  - 9.5.2 Automotive Fuel Cells Product Profiles, Application and Specification
  - 9.5.3 Horizon Fuel Cell Technologies Market Performance (2017-2022)
  - 9.5.4 Recent Development
  - 9.5.5 SWOT Analysis
- 9.6 Nedstack Fuel Cell Technology
  - 9.6.1 Nedstack Fuel Cell Technology Basic Information, Manufacturing Base, Sales Region and Competitors
  - 9.6.2 Automotive Fuel Cells Product Profiles, Application and Specification
  - 9.6.3 Nedstack Fuel Cell Technology Market Performance (2017-2022)
  - 9.6.4 Recent Development
  - 9.6.5 SWOT Analysis
- 9.7 Valmet Automotive
  - 9.7.1 Valmet Automotive Basic Information, Manufacturing Base, Sales Region and Competitors
  - 9.7.2 Automotive Fuel Cells Product Profiles, Application and Specification
  - 9.7.3 Valmet Automotive Market Performance (2017-2022)
  - 9.7.4 Recent Development
  - 9.7.5 SWOT Analysis
- 9.8 WATT Fuel Cell Corp
  - 9.8.1 WATT Fuel Cell Corp Basic Information, Manufacturing Base, Sales Region and Competitors
  - 9.8.2 Automotive Fuel Cells Product Profiles, Application and Specification
  - 9.8.3 WATT Fuel Cell Corp Market Performance (2017-2022)
  - 9.8.4 Recent Development
  - 9.8.5 SWOT Analysis
- 9.9 Plug Power

9.9.1 Plug Power Basic Information, Manufacturing Base, Sales Region and Competitors

9.9.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.9.3 Plug Power Market Performance (2017-2022)

9.9.4 Recent Development

9.9.5 SWOT Analysis

9.10 Hyundai Motor Company

9.10.1 Hyundai Motor Company Basic Information, Manufacturing Base, Sales Region and Competitors

9.10.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.10.3 Hyundai Motor Company Market Performance (2017-2022)

9.10.4 Recent Development

9.10.5 SWOT Analysis

9.11 PowerCell Sweden AB

9.11.1 PowerCell Sweden AB Basic Information, Manufacturing Base, Sales Region and Competitors

9.11.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.11.3 PowerCell Sweden AB Market Performance (2017-2022)

9.11.4 Recent Development

9.11.5 SWOT Analysis

9.12 Pragma Industries

9.12.1 Pragma Industries Basic Information, Manufacturing Base, Sales Region and Competitors

9.12.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.12.3 Pragma Industries Market Performance (2017-2022)

9.12.4 Recent Development

9.12.5 SWOT Analysis

9.13 Nuvera Fuel Cells, LLC

9.13.1 Nuvera Fuel Cells, LLC Basic Information, Manufacturing Base, Sales Region and Competitors

9.13.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.13.3 Nuvera Fuel Cells, LLC Market Performance (2017-2022)

9.13.4 Recent Development

9.13.5 SWOT Analysis

9.14 AVL

9.14.1 AVL Basic Information, Manufacturing Base, Sales Region and Competitors

9.14.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.14.3 AVL Market Performance (2017-2022)

9.14.4 Recent Development

#### 9.14.5 SWOT Analysis

### 9.15 Ballard Power Systems

9.15.1 Ballard Power Systems Basic Information, Manufacturing Base, Sales Region and Competitors

9.15.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.15.3 Ballard Power Systems Market Performance (2017-2022)

9.15.4 Recent Development

9.15.5 SWOT Analysis

### 9.16 Intelligent Energy

9.16.1 Intelligent Energy Basic Information, Manufacturing Base, Sales Region and Competitors

9.16.2 Automotive Fuel Cells Product Profiles, Application and Specification

9.16.3 Intelligent Energy Market Performance (2017-2022)

9.16.4 Recent Development

9.16.5 SWOT Analysis

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

11.1 Methodology

11.2 Research Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Automotive Fuel Cells Product Picture

Table Global Automotive Fuel Cells Market Sales Volume and CAGR (%) Comparison by Type

Table Automotive Fuel Cells Market Consumption (Sales Volume) Comparison by Application (2017-2027)

Figure Global Automotive Fuel Cells Market Size (Revenue, Million USD) and CAGR (%) (2017-2027)

Figure United States Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Europe Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure China Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Japan Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure India Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Southeast Asia Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Latin America Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Middle East and Africa Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Global Automotive Fuel Cells Market Sales Volume Status and Outlook (2017-2027)

Table Global Macroeconomic Analysis

Figure Global COVID-19 Status Overview

Table Influence of COVID-19 Outbreak on Automotive Fuel Cells Industry Development

Table Global Automotive Fuel Cells Sales Volume by Player (2017-2022)

Table Global Automotive Fuel Cells Sales Volume Share by Player (2017-2022)

Figure Global Automotive Fuel Cells Sales Volume Share by Player in 2021

Table Automotive Fuel Cells Revenue (Million USD) by Player (2017-2022)

Table Automotive Fuel Cells Revenue Market Share by Player (2017-2022)

Table Automotive Fuel Cells Price by Player (2017-2022)

Table Automotive Fuel Cells Gross Margin by Player (2017-2022)

Table Mergers & Acquisitions, Expansion Plans

Table Global Automotive Fuel Cells Sales Volume, Region Wise (2017-2022)

Table Global Automotive Fuel Cells Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Automotive Fuel Cells Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Automotive Fuel Cells Sales Volume Market Share, Region Wise in 2021

Table Global Automotive Fuel Cells Revenue (Million USD), Region Wise (2017-2022)

Table Global Automotive Fuel Cells Revenue Market Share, Region Wise (2017-2022)

Figure Global Automotive Fuel Cells Revenue Market Share, Region Wise (2017-2022)

Figure Global Automotive Fuel Cells Revenue Market Share, Region Wise in 2021

Table Global Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table United States Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Europe Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table China Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Japan Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table India Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Southeast Asia Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Latin America Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Middle East and Africa Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Global Automotive Fuel Cells Sales Volume by Type (2017-2022)

Table Global Automotive Fuel Cells Sales Volume Market Share by Type (2017-2022)

Figure Global Automotive Fuel Cells Sales Volume Market Share by Type in 2021

Table Global Automotive Fuel Cells Revenue (Million USD) by Type (2017-2022)

Table Global Automotive Fuel Cells Revenue Market Share by Type (2017-2022)

Figure Global Automotive Fuel Cells Revenue Market Share by Type in 2021

Table Automotive Fuel Cells Price by Type (2017-2022)

Figure Global Automotive Fuel Cells Sales Volume and Growth Rate of Proton Exchange Membrane Fuel Cell (PEMFC) (2017-2022)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Proton

Exchange Membrane Fuel Cell (PEMFC) (2017-2022)  
Figure Global Automotive Fuel Cells Sales Volume and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2017-2022)  
Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2017-2022)  
Figure Global Automotive Fuel Cells Sales Volume and Growth Rate of Others (2017-2022)  
Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Others (2017-2022)  
Table Global Automotive Fuel Cells Consumption by Application (2017-2022)  
Table Global Automotive Fuel Cells Consumption Market Share by Application (2017-2022)  
Table Global Automotive Fuel Cells Consumption Revenue (Million USD) by Application (2017-2022)  
Table Global Automotive Fuel Cells Consumption Revenue Market Share by Application (2017-2022)  
Table Global Automotive Fuel Cells Consumption and Growth Rate of Passenger Vehicles (2017-2022)  
Table Global Automotive Fuel Cells Consumption and Growth Rate of Light Commercial Vehicles (LCVs) (2017-2022)  
Table Global Automotive Fuel Cells Consumption and Growth Rate of Bus (2017-2022)  
Table Global Automotive Fuel Cells Consumption and Growth Rate of Trucks (2017-2022)  
Figure Global Automotive Fuel Cells Sales Volume and Growth Rate Forecast (2022-2027)  
Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate Forecast (2022-2027)  
Figure Global Automotive Fuel Cells Price and Trend Forecast (2022-2027)  
Figure USA Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)  
Figure USA Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)  
Figure Europe Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)  
Figure Europe Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)  
Figure China Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)  
Figure China Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate



Forecast Analysis (2022-2027)

Figure Japan Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Japan Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure India Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure India Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa Automotive Fuel Cells Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa Automotive Fuel Cells Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Table Global Automotive Fuel Cells Market Sales Volume Forecast, by Type

Table Global Automotive Fuel Cells Sales Volume Market Share Forecast, by Type

Table Global Automotive Fuel Cells Market Revenue (Million USD) Forecast, by Type

Table Global Automotive Fuel Cells Revenue Market Share Forecast, by Type

Table Global Automotive Fuel Cells Price Forecast, by Type

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Proton Exchange Membrane Fuel Cell (PEMFC) (2022-2027)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Proton Exchange Membrane Fuel Cell (PEMFC) (2022-2027)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2022-2027)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Phosphoric Acid Fuel Cell (PAFC) (2022-2027)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Others (2022-2027)

Figure Global Automotive Fuel Cells Revenue (Million USD) and Growth Rate of Others (2022-2027)

Table Global Automotive Fuel Cells Market Consumption Forecast, by Application

Table Global Automotive Fuel Cells Consumption Market Share Forecast, by Application

Table Global Automotive Fuel Cells Market Revenue (Million USD) Forecast, by Application

Table Global Automotive Fuel Cells Revenue Market Share Forecast, by Application

Figure Global Automotive Fuel Cells Consumption Value (Million USD) and Growth Rate of Passenger Vehicles (2022-2027)

Figure Global Automotive Fuel Cells Consumption Value (Million USD) and Growth Rate of Light Commercial Vehicles (LCVs) (2022-2027)

Figure Global Automotive Fuel Cells Consumption Value (Million USD) and Growth Rate of Bus (2022-2027)

Figure Global Automotive Fuel Cells Consumption Value (Million USD) and Growth Rate of Trucks (2022-2027)

Figure Automotive Fuel Cells Industrial Chain Analysis

Table Key Raw Materials Suppliers and Price Analysis

Figure Manufacturing Cost Structure Analysis

Table Alternative Product Analysis

Table Downstream Distributors

Table Downstream Buyers

Table Umicore Profile

Table Umicore Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Umicore Automotive Fuel Cells Sales Volume and Growth Rate

Figure Umicore Revenue (Million USD) Market Share 2017-2022

Table ElringKlinger Profile

Table ElringKlinger Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure ElringKlinger Automotive Fuel Cells Sales Volume and Growth Rate

Figure ElringKlinger Revenue (Million USD) Market Share 2017-2022

Table Air Liquide Profile

Table Air Liquide Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Air Liquide Automotive Fuel Cells Sales Volume and Growth Rate

Figure Air Liquide Revenue (Million USD) Market Share 2017-2022

Table Hydrogenics Profile

Table Hydrogenics Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Hydrogenics Automotive Fuel Cells Sales Volume and Growth Rate

Figure Hydrogenics Revenue (Million USD) Market Share 2017-2022

Table Horizon Fuel Cell Technologies Profile

Table Horizon Fuel Cell Technologies Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Horizon Fuel Cell Technologies Automotive Fuel Cells Sales Volume and Growth Rate

Figure Horizon Fuel Cell Technologies Revenue (Million USD) Market Share 2017-2022

Table Nedstack Fuel Cell Technology Profile

Table Nedstack Fuel Cell Technology Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Nedstack Fuel Cell Technology Automotive Fuel Cells Sales Volume and Growth Rate

Figure Nedstack Fuel Cell Technology Revenue (Million USD) Market Share 2017-2022

Table Valmet Automotive Profile

Table Valmet Automotive Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Valmet Automotive Automotive Fuel Cells Sales Volume and Growth Rate

Figure Valmet Automotive Revenue (Million USD) Market Share 2017-2022

Table WATT Fuel Cell Corp Profile

Table WATT Fuel Cell Corp Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure WATT Fuel Cell Corp Automotive Fuel Cells Sales Volume and Growth Rate

Figure WATT Fuel Cell Corp Revenue (Million USD) Market Share 2017-2022

Table Plug Power Profile

Table Plug Power Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Plug Power Automotive Fuel Cells Sales Volume and Growth Rate

Figure Plug Power Revenue (Million USD) Market Share 2017-2022

Table Hyundai Motor Company Profile

Table Hyundai Motor Company Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Hyundai Motor Company Automotive Fuel Cells Sales Volume and Growth Rate

Figure Hyundai Motor Company Revenue (Million USD) Market Share 2017-2022

Table PowerCell Sweden AB Profile

Table PowerCell Sweden AB Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure PowerCell Sweden AB Automotive Fuel Cells Sales Volume and Growth Rate

Figure PowerCell Sweden AB Revenue (Million USD) Market Share 2017-2022

Table Pragma Industries Profile

Table Pragma Industries Automotive Fuel Cells Sales Volume, Revenue (Million USD),

Price and Gross Margin (2017-2022)

Figure Pragma Industries Automotive Fuel Cells Sales Volume and Growth Rate

Figure Pragma Industries Revenue (Million USD) Market Share 2017-2022

Table Nuvera Fuel Cells, LLC Profile

Table Nuvera Fuel Cells, LLC Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Nuvera Fuel Cells, LLC Automotive Fuel Cells Sales Volume and Growth Rate

Figure Nuvera Fuel Cells, LLC Revenue (Million USD) Market Share 2017-2022

Table AVL Profile

Table AVL Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure AVL Automotive Fuel Cells Sales Volume and Growth Rate

Figure AVL Revenue (Million USD) Market Share 2017-2022

Table Ballard Power Systems Profile

Table Ballard Power Systems Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Ballard Power Systems Automotive Fuel Cells Sales Volume and Growth Rate

Figure Ballard Power Systems Revenue (Million USD) Market Share 2017-2022

Table Intelligent Energy Profile

Table Intelligent Energy Automotive Fuel Cells Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Intelligent Energy Automotive Fuel Cells Sales Volume and Growth Rate

Figure Intelligent Energy Revenue (Million USD) Market Share 2017-2022

## I would like to order

Product name: Global Automotive Fuel Cells Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

Product link: <https://marketpublishers.com/r/G75994C6C3BEEN.html>

Price: US\$ 3,250.00 (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/G75994C6C3BEEN.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

