

# Global Automotive Fuel Cells Market Size, Manufacturers, Opportunities and Forecast to 2030

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## Abstracts

### Summary

A fuel cell is a device that generates electricity by a chemical reaction. Automotive fuel cells create electricity to power an electric motor, generally using oxygen from the air and compressed hydrogen. They are more efficient than conventional internal combustion engine vehicles and produce no harmful tailpipe exhaust—they emit water vapor and warm air.

According to APO Research, The global Automotive Fuel Cells market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Automotive Fuel Cells is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Automotive Fuel Cells is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Automotive Fuel Cells is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Automotive Fuel Cells include Toyota, Honda, Hyundai, Ballard and Nedstack, etc. In 2023, the world's top three vendors accounted

for approximately % of the revenue.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Automotive Fuel Cells, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Automotive Fuel Cells.

The Automotive Fuel Cells market size, estimations, and forecasts are provided in terms of sales volume (MW) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Automotive Fuel Cells market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Toyota

Honda

Hyundai

Ballard

Nedstack

### Automotive Fuel Cells segment by Type

Hydrogen Fuel Cell

Others

### Automotive Fuel Cells segment by Application

Passenger Vehicle

Commercial Vehicle

### Automotive Fuel Cells Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the

*Global Automotive Fuel Cells Market Size, Manufacturers, Opportunities and Forecast to 2030*

readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Automotive Fuel Cells market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Automotive Fuel Cells and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Automotive Fuel Cells.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin

America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Automotive Fuel Cells manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Automotive Fuel Cells in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Automotive Fuel Cells Market Size Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Automotive Fuel Cells Sales Estimates and Forecasts (2019-2030)
- 1.3 Automotive Fuel Cells Market by Type
  - 1.3.1 Hydrogen Fuel Cell
  - 1.3.2 Others
- 1.4 Global Automotive Fuel Cells Market Size by Type
  - 1.4.1 Global Automotive Fuel Cells Market Size Overview by Type (2019-2030)
  - 1.4.2 Global Automotive Fuel Cells Historic Market Size Review by Type (2019-2024)
  - 1.4.3 Global Automotive Fuel Cells Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America Automotive Fuel Cells Sales Breakdown by Type (2019-2024)
  - 1.5.2 Europe Automotive Fuel Cells Sales Breakdown by Type (2019-2024)
  - 1.5.3 Asia-Pacific Automotive Fuel Cells Sales Breakdown by Type (2019-2024)
  - 1.5.4 Latin America Automotive Fuel Cells Sales Breakdown by Type (2019-2024)
  - 1.5.5 Middle East and Africa Automotive Fuel Cells Sales Breakdown by Type (2019-2024)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 Automotive Fuel Cells Industry Trends
- 2.2 Automotive Fuel Cells Industry Drivers
- 2.3 Automotive Fuel Cells Industry Opportunities and Challenges
- 2.4 Automotive Fuel Cells Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Automotive Fuel Cells Revenue (2019-2024)
- 3.2 Global Top Players by Automotive Fuel Cells Sales (2019-2024)
- 3.3 Global Top Players by Automotive Fuel Cells Price (2019-2024)
- 3.4 Global Automotive Fuel Cells Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Automotive Fuel Cells Key Company Manufacturing Sites & Headquarters
- 3.6 Global Automotive Fuel Cells Company, Product Type & Application
- 3.7 Global Automotive Fuel Cells Company Commercialization Time

### 3.8 Market Competitive Analysis

3.8.1 Global Automotive Fuel Cells Market CR5 and HHI

3.8.2 Global Top 5 and 10 Automotive Fuel Cells Players Market Share by Revenue in 2023

3.8.3 2023 Automotive Fuel Cells Tier 1, Tier 2, and Tier

## 4 AUTOMOTIVE FUEL CELLS REGIONAL STATUS AND OUTLOOK

4.1 Global Automotive Fuel Cells Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Automotive Fuel Cells Historic Market Size by Region

4.2.1 Global Automotive Fuel Cells Sales in Volume by Region (2019-2024)

4.2.2 Global Automotive Fuel Cells Sales in Value by Region (2019-2024)

4.2.3 Global Automotive Fuel Cells Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Automotive Fuel Cells Forecasted Market Size by Region

4.3.1 Global Automotive Fuel Cells Sales in Volume by Region (2025-2030)

4.3.2 Global Automotive Fuel Cells Sales in Value by Region (2025-2030)

4.3.3 Global Automotive Fuel Cells Sales (Volume & Value), Price and Gross Margin (2025-2030)

## 5 AUTOMOTIVE FUEL CELLS BY APPLICATION

5.1 Automotive Fuel Cells Market by Application

5.1.1 Passenger Vehicle

5.1.2 Commercial Vehicle

5.2 Global Automotive Fuel Cells Market Size by Application

5.2.1 Global Automotive Fuel Cells Market Size Overview by Application (2019-2030)

5.2.2 Global Automotive Fuel Cells Historic Market Size Review by Application (2019-2024)

5.2.3 Global Automotive Fuel Cells Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Automotive Fuel Cells Sales Breakdown by Application (2019-2024)

5.3.2 Europe Automotive Fuel Cells Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Automotive Fuel Cells Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Automotive Fuel Cells Sales Breakdown by Application (2019-2024)



### 5.3.5 Middle East and Africa Automotive Fuel Cells Sales Breakdown by Application (2019-2024)

## 6 COMPANY PROFILES

### 6.1 Toyota

6.1.1 Toyota Company Information

6.1.2 Toyota Business Overview

6.1.3 Toyota Automotive Fuel Cells Sales, Revenue and Gross Margin (2019-2024)

6.1.4 Toyota Automotive Fuel Cells Product Portfolio

6.1.5 Toyota Recent Developments

### 6.2 Honda

6.2.1 Honda Company Information

6.2.2 Honda Business Overview

6.2.3 Honda Automotive Fuel Cells Sales, Revenue and Gross Margin (2019-2024)

6.2.4 Honda Automotive Fuel Cells Product Portfolio

6.2.5 Honda Recent Developments

### 6.3 Hyundai

6.3.1 Hyundai Company Information

6.3.2 Hyundai Business Overview

6.3.3 Hyundai Automotive Fuel Cells Sales, Revenue and Gross Margin (2019-2024)

6.3.4 Hyundai Automotive Fuel Cells Product Portfolio

6.3.5 Hyundai Recent Developments

### 6.4 Ballard

6.4.1 Ballard Company Information

6.4.2 Ballard Business Overview

6.4.3 Ballard Automotive Fuel Cells Sales, Revenue and Gross Margin (2019-2024)

6.4.4 Ballard Automotive Fuel Cells Product Portfolio

6.4.5 Ballard Recent Developments

### 6.5 Nedstack

6.5.1 Nedstack Company Information

6.5.2 Nedstack Business Overview

6.5.3 Nedstack Automotive Fuel Cells Sales, Revenue and Gross Margin (2019-2024)

6.5.4 Nedstack Automotive Fuel Cells Product Portfolio

6.5.5 Nedstack Recent Developments

## 7 NORTH AMERICA BY COUNTRY

### 7.1 North America Automotive Fuel Cells Sales by Country

7.1.1 North America Automotive Fuel Cells Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Automotive Fuel Cells Sales by Country (2019-2024)

7.1.3 North America Automotive Fuel Cells Sales Forecast by Country (2025-2030)

7.2 North America Automotive Fuel Cells Market Size by Country

7.2.1 North America Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Automotive Fuel Cells Market Size by Country (2019-2024)

7.2.3 North America Automotive Fuel Cells Market Size Forecast by Country (2025-2030)

## **8 EUROPE BY COUNTRY**

8.1 Europe Automotive Fuel Cells Sales by Country

8.1.1 Europe Automotive Fuel Cells Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Automotive Fuel Cells Sales by Country (2019-2024)

8.1.3 Europe Automotive Fuel Cells Sales Forecast by Country (2025-2030)

8.2 Europe Automotive Fuel Cells Market Size by Country

8.2.1 Europe Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Automotive Fuel Cells Market Size by Country (2019-2024)

8.2.3 Europe Automotive Fuel Cells Market Size Forecast by Country (2025-2030)

## **9 ASIA-PACIFIC BY COUNTRY**

9.1 Asia-Pacific Automotive Fuel Cells Sales by Country

9.1.1 Asia-Pacific Automotive Fuel Cells Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Automotive Fuel Cells Sales by Country (2019-2024)

9.1.3 Asia-Pacific Automotive Fuel Cells Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Automotive Fuel Cells Market Size by Country

9.2.1 Asia-Pacific Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Automotive Fuel Cells Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Automotive Fuel Cells Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA BY COUNTRY**

## 10.1 Latin America Automotive Fuel Cells Sales by Country

10.1.1 Latin America Automotive Fuel Cells Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Automotive Fuel Cells Sales by Country (2019-2024)

10.1.3 Latin America Automotive Fuel Cells Sales Forecast by Country (2025-2030)

## 10.2 Latin America Automotive Fuel Cells Market Size by Country

10.2.1 Latin America Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Automotive Fuel Cells Market Size by Country (2019-2024)

10.2.3 Latin America Automotive Fuel Cells Market Size Forecast by Country (2025-2030)

## 11 MIDDLE EAST AND AFRICA BY COUNTRY

### 11.1 Middle East and Africa Automotive Fuel Cells Sales by Country

11.1.1 Middle East and Africa Automotive Fuel Cells Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Automotive Fuel Cells Sales by Country (2019-2024)

11.1.3 Middle East and Africa Automotive Fuel Cells Sales Forecast by Country (2025-2030)

### 11.2 Middle East and Africa Automotive Fuel Cells Market Size by Country

11.2.1 Middle East and Africa Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Automotive Fuel Cells Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Automotive Fuel Cells Market Size Forecast by Country (2025-2030)

## 12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

### 12.1 Automotive Fuel Cells Value Chain Analysis

12.1.1 Automotive Fuel Cells Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Automotive Fuel Cells Production Mode & Process

### 12.2 Automotive Fuel Cells Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Automotive Fuel Cells Distributors

12.2.3 Automotive Fuel Cells Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Major Company of Hydrogen Fuel Cell

Table 2. Major Company of Others

Table 3. Global Automotive Fuel Cells Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 4. Global Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 5. Global Automotive Fuel Cells Sales Market Share in Volume by Type (2019-2024)

Table 6. Global Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 7. Global Automotive Fuel Cells Sales Market Share in Value by Type (2019-2024)

Table 8. Global Automotive Fuel Cells Price by Type (2019-2024) & (USD/KW)

Table 9. Global Automotive Fuel Cells Sales by Type (2025-2030) & (MW)

Table 10. Global Automotive Fuel Cells Sales Market Share in Volume by Type (2025-2030)

Table 11. Global Automotive Fuel Cells Sales by Type (2025-2030) & (US\$ Million)

Table 12. Global Automotive Fuel Cells Sales Market Share in Value by Type (2025-2030)

Table 13. Global Automotive Fuel Cells Price by Type (2025-2030) & (USD/KW)

Table 14. North America Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 15. North America Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 16. Europe Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 17. Europe Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 18. Asia-Pacific Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 19. Asia-Pacific Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 20. Latin America Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 21. Latin America Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 22. Middle East and Africa Automotive Fuel Cells Sales by Type (2019-2024) & (MW)

Table 23. Middle East and Africa Automotive Fuel Cells Sales by Type (2019-2024) & (US\$ Million)

Table 24. Automotive Fuel Cells Industry Trends

Table 25. Automotive Fuel Cells Industry Drivers

Table 26. Automotive Fuel Cells Industry Opportunities and Challenges

- Table 27. Automotive Fuel Cells Industry Restraints
- Table 28. Global Automotive Fuel Cells Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 29. Global Automotive Fuel Cells Revenue Market Share by Company (2019-2024)
- Table 30. Global Automotive Fuel Cells Sales by Company (2019-2024) & (MW)
- Table 31. Global Automotive Fuel Cells Sales Share by Company (2019-2024)
- Table 32. Global Automotive Fuel Cells Market Price by Company (2019-2024) & (USD/KW)
- Table 33. Global Automotive Fuel Cells Industry Company Ranking, 2022 VS 2023 VS 2024
- Table 34. Global Automotive Fuel Cells Key Company Manufacturing Sites & Headquarters
- Table 35. Global Automotive Fuel Cells Company, Product Type & Application
- Table 36. Global Automotive Fuel Cells Company Commercialization Time
- Table 37. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 38. Global Automotive Fuel Cells by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)
- Table 39. Global Automotive Fuel Cells Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030
- Table 40. Global Automotive Fuel Cells Sales by Region (2019-2024) & (MW)
- Table 41. Global Automotive Fuel Cells Sales Market Share in Volume by Region (2019-2024)
- Table 42. Global Automotive Fuel Cells Sales by Region (2019-2024) & (US\$ Million)
- Table 43. Global Automotive Fuel Cells Sales Market Share in Value by Region (2019-2024)
- Table 44. Global Automotive Fuel Cells Sales (MW), Value (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)
- Table 45. Global Automotive Fuel Cells Sales by Region (2025-2030) & (MW)
- Table 46. Global Automotive Fuel Cells Sales Market Share in Volume by Region (2025-2030)
- Table 47. Global Automotive Fuel Cells Sales by Region (2025-2030) & (US\$ Million)
- Table 48. Global Automotive Fuel Cells Sales Market Share in Value by Region (2025-2030)
- Table 49. Global Automotive Fuel Cells Sales (MW), Value (US\$ Million), Price (USD/KW) and Gross Margin (2025-2030)
- Table 50. Global Automotive Fuel Cells Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 51. Global Automotive Fuel Cells Sales by Application (2019-2024) & (MW)



Table 52. Global Automotive Fuel Cells Sales Market Share in Volume by Application (2019-2024)

Table 53. Global Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 54. Global Automotive Fuel Cells Sales Market Share in Value by Application (2019-2024)

Table 55. Global Automotive Fuel Cells Price by Application (2019-2024) & (USD/KW)

Table 56. Global Automotive Fuel Cells Sales by Application (2025-2030) & (MW)

Table 57. Global Automotive Fuel Cells Sales Market Share in Volume by Application (2025-2030)

Table 58. Global Automotive Fuel Cells Sales by Application (2025-2030) & (US\$ Million)

Table 59. Global Automotive Fuel Cells Sales Market Share in Value by Application (2025-2030)

Table 60. Global Automotive Fuel Cells Price by Application (2025-2030) & (USD/KW)

Table 61. North America Automotive Fuel Cells Sales by Application (2019-2024) & (MW)

Table 62. North America Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 63. Europe Automotive Fuel Cells Sales by Application (2019-2024) & (MW)

Table 64. Europe Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 65. Asia-Pacific Automotive Fuel Cells Sales by Application (2019-2024) & (MW)

Table 66. Asia-Pacific Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 67. Latin America Automotive Fuel Cells Sales by Application (2019-2024) & (MW)

Table 68. Latin America Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 69. Middle East and Africa Automotive Fuel Cells Sales by Application (2019-2024) & (MW)

Table 70. Middle East and Africa Automotive Fuel Cells Sales by Application (2019-2024) & (US\$ Million)

Table 71. Toyota Company Information

Table 72. Toyota Business Overview

Table 73. Toyota Automotive Fuel Cells Sales (MW), Revenue (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)

Table 74. Toyota Automotive Fuel Cells Product Portfolio

Table 75. Toyota Recent Development

Table 76. Honda Company Information

Table 77. Honda Business Overview

Table 78. Honda Automotive Fuel Cells Sales (MW), Revenue (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)

Table 79. Honda Automotive Fuel Cells Product Portfolio

Table 80. Honda Recent Development

Table 81. Hyundai Company Information

Table 82. Hyundai Business Overview

Table 83. Hyundai Automotive Fuel Cells Sales (MW), Revenue (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)

Table 84. Hyundai Automotive Fuel Cells Product Portfolio

Table 85. Hyundai Recent Development

Table 86. Ballard Company Information

Table 87. Ballard Business Overview

Table 88. Ballard Automotive Fuel Cells Sales (MW), Revenue (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)

Table 89. Ballard Automotive Fuel Cells Product Portfolio

Table 90. Ballard Recent Development

Table 91. Nedstack Company Information

Table 92. Nedstack Business Overview

Table 93. Nedstack Automotive Fuel Cells Sales (MW), Revenue (US\$ Million), Price (USD/KW) and Gross Margin (2019-2024)

Table 94. Nedstack Automotive Fuel Cells Product Portfolio

Table 95. Nedstack Recent Development

Table 96. North America Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (MW): 2019 VS 2023 VS 2030

Table 97. North America Automotive Fuel Cells Sales by Country (2019-2024) & (MW)

Table 98. North America Automotive Fuel Cells Sales Market Share by Country (2019-2024)

Table 99. North America Automotive Fuel Cells Sales Forecast by Country (2025-2030) & (MW)

Table 100. North America Automotive Fuel Cells Sales Market Share Forecast by Country (2025-2030)

Table 101. North America Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 102. North America Automotive Fuel Cells Market Size by Country (2019-2024) & (US\$ Million)

Table 103. North America Automotive Fuel Cells Market Share by Country (2019-2024)

Table 104. North America Automotive Fuel Cells Market Size Forecast by Country



(2025-2030) & (US\$ Million)

Table 105. North America Automotive Fuel Cells Market Share Forecast by Country (2025-2030)

Table 106. Europe Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (MW): 2019 VS 2023 VS 2030

Table 107. Europe Automotive Fuel Cells Sales by Country (2019-2024) & (MW)

Table 108. Europe Automotive Fuel Cells Sales Market Share by Country (2019-2024)

Table 109. Europe Automotive Fuel Cells Sales Forecast by Country (2025-2030) & (MW)

Table 110. Europe Automotive Fuel Cells Sales Market Share Forecast by Country (2025-2030)

Table 111. Europe Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 112. Europe Automotive Fuel Cells Market Size by Country (2019-2024) & (US\$ Million)

Table 113. Europe Automotive Fuel Cells Market Share by Country (2019-2024)

Table 114. Europe Automotive Fuel Cells Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 115. Europe Automotive Fuel Cells Market Share Forecast by Country (2025-2030)

Table 116. Asia-Pacific Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (MW): 2019 VS 2023 VS 2030

Table 117. Asia-Pacific Automotive Fuel Cells Sales by Country (2019-2024) & (MW)

Table 118. Asia-Pacific Automotive Fuel Cells Sales Market Share by Country (2019-2024)

Table 119. Asia-Pacific Automotive Fuel Cells Sales Forecast by Country (2025-2030) & (MW)

Table 120. Asia-Pacific Automotive Fuel Cells Sales Market Share Forecast by Country (2025-2030)

Table 121. Asia-Pacific Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 122. Asia-Pacific Automotive Fuel Cells Market Size by Country (2019-2024) & (US\$ Million)

Table 123. Asia-Pacific Automotive Fuel Cells Market Share by Country (2019-2024)

Table 124. Asia-Pacific Automotive Fuel Cells Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 125. Asia-Pacific Automotive Fuel Cells Market Share Forecast by Country (2025-2030)

Table 126. Latin America Automotive Fuel Cells Market Size Growth Rate (CAGR) by

Country (MW): 2019 VS 2023 VS 2030

Table 127. Latin America Automotive Fuel Cells Sales by Country (2019-2024) & (MW)

Table 128. Latin America Automotive Fuel Cells Sales Market Share by Country (2019-2024)

Table 129. Latin America Automotive Fuel Cells Sales Forecast by Country (2025-2030) & (MW)

Table 130. Latin America Automotive Fuel Cells Sales Market Share Forecast by Country (2025-2030)

Table 131. Latin America Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 132. Latin America Automotive Fuel Cells Market Size by Country (2019-2024) & (US\$ Million)

Table 133. Latin America Automotive Fuel Cells Market Share by Country (2019-2024)

Table 134. Latin America Automotive Fuel Cells Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 135. Latin America Automotive Fuel Cells Market Share Forecast by Country (2025-2030)

Table 136. Middle East and Africa Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (MW): 2019 VS 2023 VS 2030

Table 137. Middle East and Africa Automotive Fuel Cells Sales by Country (2019-2024) & (MW)

Table 138. Middle East and Africa Automotive Fuel Cells Sales Market Share by Country (2019-2024)

Table 139. Middle East and Africa Automotive Fuel Cells Sales Forecast by Country (2025-2030) & (MW)

Table 140. Middle East and Africa Automotive Fuel Cells Sales Market Share Forecast by Country (2025-2030)

Table 141. Middle East and Africa Automotive Fuel Cells Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 142. Middle East and Africa Automotive Fuel Cells Market Size by Country (2019-2024) & (US\$ Million)

Table 143. Middle East and Africa Automotive Fuel Cells Market Share by Country (2019-2024)

Table 144. Middle East and Africa Automotive Fuel Cells Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 145. Middle East and Africa Automotive Fuel Cells Market Share Forecast by Country (2025-2030)

Table 146. Key Raw Materials

Table 147. Raw Materials Key Suppliers

- Table 148. Automotive Fuel Cells Distributors List
- Table 149. Automotive Fuel Cells Customers List
- Table 150. Research Programs/Design for This Report
- Table 151. Authors List of This Report
- Table 152. Secondary Sources
- Table 153. Primary Sources

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive Fuel Cells Product Picture

Figure 2. Global Automotive Fuel Cells Market Size (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global Automotive Fuel Cells Market Size (2019-2030) & (US\$ Million)

Figure 4. Global Automotive Fuel Cells Sales (2019-2030) & (MW)

Figure 5. Product Picture of Hydrogen Fuel Cell

Figure 6. Global Hydrogen Fuel Cell Sales YoY Growth (2019-2030) & (MW)

Figure 7. Product Picture of Others

Figure 8. Global Others Sales YoY Growth (2019-2030) & (MW)

Figure 9. Global Automotive Fuel Cells Market Size Overview by Type (2019-2030) & (US\$ Million)

Figure 10. Global Automotive Fuel Cells Market Share by Type 2023 VS 2030

Figure 11. North America Automotive Fuel Cells Sales Market Share in Volume by Type in 2023

Figure 12. North America Automotive Fuel Cells Sales Market Share in Value by Type in 2023

Figure 13. Europe Automotive Fuel Cells Sales Market Share in Volume by Type in 2023

Figure 14. Europe Automotive Fuel Cells Sales Market Share in Value by Type in 2023

Figure 15. Asia-Pacific Automotive Fuel Cells Sales Market Share in Volume by Type in 2023

Figure 16. Asia-Pacific Automotive Fuel Cells Sales Market Share in Value by Type in 2023

Figure 17. Latin America Automotive Fuel Cells Sales Market Share in Volume by Type in 2023

Figure 18. Latin America Automotive Fuel Cells Sales Market Share in Value by Type in 2023

Figure 19. Middle East and Africa Automotive Fuel Cells Sales Market Share in Volume by Type in 2023

Figure 20. Middle East and Africa Automotive Fuel Cells Sales Market Share in Value by Type in 2023

Figure 21. Global Top 5 and 10 Automotive Fuel Cells Players Market Share by Revenue in 2023

Figure 22. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 23. Product Picture of Passenger Vehicle

- Figure 24. Global Passenger Vehicle Sales YoY Growth (2019-2030) & (MW)
- Figure 25. Product Picture of Commercial Vehicle
- Figure 26. Global Commercial Vehicle Sales YoY Growth (2019-2030) & (MW)
- Figure 27. Global Automotive Fuel Cells Market Size Overview by Application (2019-2030) & (US\$ Million)
- Figure 28. Global Automotive Fuel Cells Market Share by Application 2023 VS 2030
- Figure 29. North America Automotive Fuel Cells Sales Market Share in Volume by Application in 2023
- Figure 30. North America Automotive Fuel Cells Sales Market Share in Value by Application in 2023
- Figure 31. Europe Automotive Fuel Cells Sales Market Share in Volume by Application in 2023
- Figure 32. Europe Automotive Fuel Cells Sales Market Share in Value by Application in 2023
- Figure 33. Asia-Pacific Automotive Fuel Cells Sales Market Share in Volume by Application in 2023
- Figure 34. Asia-Pacific Automotive Fuel Cells Sales Market Share in Value by Application in 2023
- Figure 35. Latin America Automotive Fuel Cells Sales Market Share in Volume by Application in 2023
- Figure 36. Latin America Automotive Fuel Cells Sales Market Share in Value by Application in 2023
- Figure 37. Middle East and Africa Automotive Fuel Cells Sales Market Share in Volume by Application in 2023
- Figure 38. Middle East and Africa Automotive Fuel Cells Sales Market Share in Value by Application in 2023
- Figure 39. North America Automotive Fuel Cells Sales by Country: 2019 VS 2023 VS 2030 (MW)
- Figure 40. North America Automotive Fuel Cells Sales Share by Country: 2019 VS 2023 VS 2030
- Figure 41. North America Automotive Fuel Cells Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)
- Figure 42. North America Automotive Fuel Cells Market Share by Country: 2019 VS 2023 VS 2030
- Figure 43. Europe Automotive Fuel Cells Sales by Country: 2019 VS 2023 VS 2030 (MW)
- Figure 44. Europe Automotive Fuel Cells Sales Share by Country: 2019 VS 2023 VS 2030
- Figure 45. Europe Automotive Fuel Cells Market Size by Country: 2019 VS 2023 VS

2030 (US\$ Million)

Figure 46. Europe Automotive Fuel Cells Market Share by Country: 2019 VS 2023 VS 2030

Figure 47. Asia-Pacific Automotive Fuel Cells Sales by Country: 2019 VS 2023 VS 2030 (MW)

Figure 48. Asia-Pacific Automotive Fuel Cells Sales Share by Country: 2019 VS 2023 VS 2030

Figure 49. Asia-Pacific Automotive Fuel Cells Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 50. Asia-Pacific Automotive Fuel Cells Market Share by Country: 2019 VS 2023 VS 2030

Figure 51. Latin America Automotive Fuel Cells Sales by Country: 2019 VS 2023 VS 2030 (MW)

Figure 52. Latin America Automotive Fuel Cells Sales Share by Country: 2019 VS 2023 VS 2030

Figure 53. Latin America Automotive Fuel Cells Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 54. Latin America Automotive Fuel Cells Market Share by Country: 2019 VS 2023 VS 2030

Figure 55. Middle East and Africa Automotive Fuel Cells Sales by Country: 2019 VS 2023 VS 2030 (MW)

Figure 56. Middle East and Africa Automotive Fuel Cells Sales Share by Country: 2019 VS 2023 VS 2030

Figure 57. Middle East and Africa Automotive Fuel Cells Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 58. Middle East and Africa Automotive Fuel Cells Market Share by Country: 2019 VS 2023 VS 2030

Figure 59. Automotive Fuel Cells Value Chain

Figure 60. Key Raw Materials Price

Figure 61. Manufacturing Cost Structure

Figure 62. Automotive Fuel Cells Production Mode & Process

Figure 63. Direct Comparison with Distribution Share

Figure 64. Distributors Profiles

Figure 65. Years Considered

Figure 66. Research Process

Figure 67. Key Executives Interviewed

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