

# Global Hydrogen Fuel Cell Engine for Transportation Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G3AB3DBD8E29EN.html>

Date: February 2026

Pages: 151

Price: US\$ 3,480.00 (Single User License)

ID: G3AB3DBD8E29EN

## Abstracts

According to our (Global Info Research) latest study, the global Hydrogen Fuel Cell Engine for Transportation market size was valued at US\$ 794 million in 2025 and is forecast to a readjusted size of US\$ 4572 million by 2032 with a CAGR of 28.3% during review period.

In 2025, global Hydrogen Fuel Cell Engine for Transportation production reached approximately 11.8 k units with an average global market price of around k US\$65 per unit. Single-line annual production capacity averages 250 units with a gross margin of approximately 19.47-23.94%. The upstream of the Hydrogen Fuel Cell Engine for Transportation primarily includes core materials such as hydrogen production, catalysts, and membrane electrodes, which are concentrated in the fields of new energy and materials technology; the downstream applications cover rail transportation, road transportation, shipping, construction machinery, and other sectors, with road transportation accounting for the highest proportion at approximately 60%; this field is experiencing rapid development, with strong demand, and the business opportunities are primarily concentrated in the construction of hydrogen energy infrastructure and the innovation of fuel cell technology.

The Hydrogen Fuel Cell Engine, serving as a pivotal technology for transportation, operates by converting hydrogen into electricity through an electrochemical process, thereby propelling vehicles with high efficiency and minimal emissions. This system not only eliminates the need for combustion, significantly reducing greenhouse gas emissions and air pollutants, but also ensures a nearly silent operation, enhancing passenger comfort and safety. It achieves this by utilizing a stack of fuel cells that combine hydrogen with oxygen to generate electricity, with the only byproduct being

water vapor. The engine's design, with its compact size and rapid refueling capabilities, offers a seamless driving experience akin to traditional internal combustion engines, yet with the added environmental benefits of clean energy. This technological innovation not only supports the global transition towards sustainable transportation solutions but also paves the way for a future where energy efficiency and environmental stewardship are harmoniously integrated into everyday travel.

This report is a detailed and comprehensive analysis for global Hydrogen Fuel Cell Engine for Transportation market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Hydrogen Fuel Cell Engine for Transportation market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Hydrogen Fuel Cell Engine for Transportation market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Hydrogen Fuel Cell Engine for Transportation market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Hydrogen Fuel Cell Engine for Transportation market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Hydrogen Fuel Cell Engine for Transportation
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Hydrogen Fuel Cell Engine for Transportation market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bosch, Cummins, Toyota, Hyundai, Nuvera, Ballard, Sino-Synergy Hydrogen Energy Technology (Jiaxing), Shanghai REFIRE Group, Shanghai Weishi Energy Technology, Beijing SinoHytec, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Hydrogen Fuel Cell Engine for Transportation market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

PEMFC

AFC

PAFC

SOFC

MCFC

#### Market segment by Power(kW)

?100kW

?100kW

## Market segment by Application

Rail Transit

Road Transit

Ships

Construction Machinery

Others

## Major players covered

Bosch

Cummins

Toyota

Hyundai

Nuvera

Ballard

Sino-Synergy Hydrogen Energy Technology (Jiaying)

Shanghai REFIRE Group

Shanghai Weishi Energy Technology

Beijing SinoHytec

Shandong Weichai Power

Shenzhen Guohydro New Energy Technology

Dalian Sunrise Power

Jiangsu Horizon New Energy Technologies

Suzhou Foresight Energy

Shanghai Hydrogen Propulsion Technology

Zhejiang Cemt Hydrogen Energy

Foshan CleanEst Energy Technology

Shenzhen Center Power Tech

Zhongshan Broad-Ocean Motor

Zhejiang DR Powertrain System

Beijing Innoreagen Power Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Hydrogen Fuel Cell Engine for Transportation product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hydrogen Fuel Cell Engine for Transportation, with price, sales quantity, revenue, and global market share of Hydrogen Fuel Cell Engine for Transportation from 2021 to 2026.

Chapter 3, the Hydrogen Fuel Cell Engine for Transportation competitive situation, sales

quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hydrogen Fuel Cell Engine for Transportation breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Hydrogen Fuel Cell Engine for Transportation market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hydrogen Fuel Cell Engine for Transportation.

Chapter 14 and 15, to describe Hydrogen Fuel Cell Engine for Transportation sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Lightweight Hydrogen Fuel Cell Modules Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Air Cooled Type

1.3.3 Liquid Cooled Type

1.4 Market Analysis by Efficiency

1.4.1 Overview: Global Lightweight Hydrogen Fuel Cell Modules Consumption Value by Efficiency: 2021 Versus 2025 Versus 2032

1.4.2

## List Of Tables

### LIST OF TABLES

- Table 1. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Power(kW), (USD Million), 2021 & 2025 & 2032
- Table 3. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 4. Bosch Basic Information, Manufacturing Base and Competitors
- Table 5. Bosch Major Business
- Table 6. Bosch Hydrogen Fuel Cell Engine for Transportation Product and Services
- Table 7. Bosch Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 8. Bosch Recent Developments/Updates
- Table 9. Cummins Basic Information, Manufacturing Base and Competitors
- Table 10. Cummins Major Business
- Table 11. Cummins Hydrogen Fuel Cell Engine for Transportation Product and Services
- Table 12. Cummins Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 13. Cummins Recent Developments/Updates
- Table 14. Toyota Basic Information, Manufacturing Base and Competitors
- Table 15. Toyota Major Business
- Table 16. Toyota Hydrogen Fuel Cell Engine for Transportation Product and Services
- Table 17. Toyota Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 18. Toyota Recent Developments/Updates
- Table 19. Hyundai Basic Information, Manufacturing Base and Competitors
- Table 20. Hyundai Major Business
- Table 21. Hyundai Hydrogen Fuel Cell Engine for Transportation Product and Services
- Table 22. Hyundai Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 23. Hyundai Recent Developments/Updates
- Table 24. Nuvera Basic Information, Manufacturing Base and Competitors

Table 25. Nuvera Major Business

Table 26. Nuvera Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 27. Nuvera Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Nuvera Recent Developments/Updates

Table 29. Ballard Basic Information, Manufacturing Base and Competitors

Table 30. Ballard Major Business

Table 31. Ballard Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 32. Ballard Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Ballard Recent Developments/Updates

Table 34. Sino-Synergy Hydrogen Energy Technology (Jiaying) Basic Information, Manufacturing Base and Competitors

Table 35. Sino-Synergy Hydrogen Energy Technology (Jiaying) Major Business

Table 36. Sino-Synergy Hydrogen Energy Technology (Jiaying) Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 37. Sino-Synergy Hydrogen Energy Technology (Jiaying) Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Sino-Synergy Hydrogen Energy Technology (Jiaying) Recent Developments/Updates

Table 39. Shanghai REFIRE Group Basic Information, Manufacturing Base and Competitors

Table 40. Shanghai REFIRE Group Major Business

Table 41. Shanghai REFIRE Group Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 42. Shanghai REFIRE Group Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Shanghai REFIRE Group Recent Developments/Updates

Table 44. Shanghai Weishi Energy Technology Basic Information, Manufacturing Base and Competitors

Table 45. Shanghai Weishi Energy Technology Major Business

Table 46. Shanghai Weishi Energy Technology Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 47. Shanghai Weishi Energy Technology Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD

Million), Gross Margin and Market Share (2021-2026)

Table 48. Shanghai Weishi Energy Technology Recent Developments/Updates

Table 49. Beijing SinoHytec Basic Information, Manufacturing Base and Competitors

Table 50. Beijing SinoHytec Major Business

Table 51. Beijing SinoHytec Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 52. Beijing SinoHytec Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Beijing SinoHytec Recent Developments/Updates

Table 54. Shandong Weichai Power Basic Information, Manufacturing Base and Competitors

Table 55. Shandong Weichai Power Major Business

Table 56. Shandong Weichai Power Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 57. Shandong Weichai Power Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Shandong Weichai Power Recent Developments/Updates

Table 59. Shenzhen Guohydro New Energy Technology Basic Information, Manufacturing Base and Competitors

Table 60. Shenzhen Guohydro New Energy Technology Major Business

Table 61. Shenzhen Guohydro New Energy Technology Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 62. Shenzhen Guohydro New Energy Technology Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Shenzhen Guohydro New Energy Technology Recent Developments/Updates

Table 64. Dalian Sunrise Power Basic Information, Manufacturing Base and Competitors

Table 65. Dalian Sunrise Power Major Business

Table 66. Dalian Sunrise Power Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 67. Dalian Sunrise Power Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Dalian Sunrise Power Recent Developments/Updates

Table 69. Jiangsu Horizon New Energy Technologies Basic Information, Manufacturing Base and Competitors

Table 70. Jiangsu Horizon New Energy Technologies Major Business

Table 71. Jiangsu Horizon New Energy Technologies Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 72. Jiangsu Horizon New Energy Technologies Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. Jiangsu Horizon New Energy Technologies Recent Developments/Updates

Table 74. Suzhou Foresight Energy Basic Information, Manufacturing Base and Competitors

Table 75. Suzhou Foresight Energy Major Business

Table 76. Suzhou Foresight Energy Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 77. Suzhou Foresight Energy Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Suzhou Foresight Energy Recent Developments/Updates

Table 79. Shanghai Hydrogen Propulsion Technology Basic Information, Manufacturing Base and Competitors

Table 80. Shanghai Hydrogen Propulsion Technology Major Business

Table 81. Shanghai Hydrogen Propulsion Technology Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 82. Shanghai Hydrogen Propulsion Technology Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. Shanghai Hydrogen Propulsion Technology Recent Developments/Updates

Table 84. Zhejiang Cemt Hydrogen Energy Basic Information, Manufacturing Base and Competitors

Table 85. Zhejiang Cemt Hydrogen Energy Major Business

Table 86. Zhejiang Cemt Hydrogen Energy Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 87. Zhejiang Cemt Hydrogen Energy Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 88. Zhejiang Cemt Hydrogen Energy Recent Developments/Updates

Table 89. Foshan CleanEst Energy Technology Basic Information, Manufacturing Base and Competitors

Table 90. Foshan CleanEst Energy Technology Major Business

Table 91. Foshan CleanEst Energy Technology Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 92. Foshan CleanEst Energy Technology Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 93. Foshan CleanEst Energy Technology Recent Developments/Updates

Table 94. Shenzhen Center Power Tech Basic Information, Manufacturing Base and Competitors

Table 95. Shenzhen Center Power Tech Major Business

Table 96. Shenzhen Center Power Tech Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 97. Shenzhen Center Power Tech Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Shenzhen Center Power Tech Recent Developments/Updates

Table 99. Zhongshan Broad-Ocean Motor Basic Information, Manufacturing Base and Competitors

Table 100. Zhongshan Broad-Ocean Motor Major Business

Table 101. Zhongshan Broad-Ocean Motor Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 102. Zhongshan Broad-Ocean Motor Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Zhongshan Broad-Ocean Motor Recent Developments/Updates

Table 104. Zhejiang DR Powertrain System Basic Information, Manufacturing Base and Competitors

Table 105. Zhejiang DR Powertrain System Major Business

Table 106. Zhejiang DR Powertrain System Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 107. Zhejiang DR Powertrain System Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. Zhejiang DR Powertrain System Recent Developments/Updates

Table 109. Beijing Innoreagen Power Technology Basic Information, Manufacturing Base and Competitors

Table 110. Beijing Innoreagen Power Technology Major Business

Table 111. Beijing Innoreagen Power Technology Hydrogen Fuel Cell Engine for Transportation Product and Services

Table 112. Beijing Innoreagen Power Technology Hydrogen Fuel Cell Engine for Transportation Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Beijing Innoreagen Power Technology Recent Developments/Updates

Table 114. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 115. Global Hydrogen Fuel Cell Engine for Transportation Revenue by Manufacturer (2021-2026) & (USD Million)

Table 116. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Manufacturer (2021-2026) & (K US\$/Unit)

Table 117. Market Position of Manufacturers in Hydrogen Fuel Cell Engine for Transportation, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 118. Head Office and Hydrogen Fuel Cell Engine for Transportation Production Site of Key Manufacturer

Table 119. Hydrogen Fuel Cell Engine for Transportation Market: Company Product Type Footprint

Table 120. Hydrogen Fuel Cell Engine for Transportation Market: Company Product Application Footprint

Table 121. Hydrogen Fuel Cell Engine for Transportation New Market Entrants and Barriers to Market Entry

Table 122. Hydrogen Fuel Cell Engine for Transportation Mergers, Acquisition, Agreements, and Collaborations

Table 123. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 124. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Region (2021-2026) & (Units)

Table 125. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Region (2027-2032) & (Units)

Table 126. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Region (2021-2026) & (USD Million)

Table 127. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Region (2027-2032) & (USD Million)

Table 128. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Region (2021-2026) & (K US\$/Unit)

Table 129. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Region (2027-2032) & (K US\$/Unit)

Table 130. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 131. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 132. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Type (2021-2026) & (USD Million)

Table 133. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Type (2027-2032) & (USD Million)

Table 134. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Type (2021-2026) & (K US\$/Unit)

Table 135. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Type (2027-2032) & (K US\$/Unit)

Table 136. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2021-2026) & (Units)

Table 137. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 138. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Application (2021-2026) & (USD Million)

Table 139. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Application (2027-2032) & (USD Million)

Table 140. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Application (2021-2026) & (K US\$/Unit)

Table 141. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Application (2027-2032) & (K US\$/Unit)

Table 142. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 143. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 144. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2021-2026) & (Units)

Table 145. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 146. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2021-2026) & (Units)

Table 147. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2027-2032) & (Units)

Table 148. North America Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2021-2026) & (USD Million)

Table 149. North America Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2027-2032) & (USD Million)

Table 150. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 151. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 152. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by

Application (2021-2026) & (Units)

Table 153. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 154. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2021-2026) & (Units)

Table 155. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2027-2032) & (Units)

Table 156. Europe Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2021-2026) & (USD Million)

Table 157. Europe Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2027-2032) & (USD Million)

Table 158. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 159. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 160. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2021-2026) & (Units)

Table 161. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 162. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Region (2021-2026) & (Units)

Table 163. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Region (2027-2032) & (Units)

Table 164. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Consumption Value by Region (2021-2026) & (USD Million)

Table 165. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Consumption Value by Region (2027-2032) & (USD Million)

Table 166. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 167. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 168. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2021-2026) & (Units)

Table 169. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 170. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2021-2026) & (Units)

Table 171. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2027-2032) & (Units)

Table 172. South America Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2021-2026) & (USD Million)

Table 173. South America Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2027-2032) & (USD Million)

Table 174. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2021-2026) & (Units)

Table 175. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Type (2027-2032) & (Units)

Table 176. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2021-2026) & (Units)

Table 177. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Application (2027-2032) & (Units)

Table 178. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2021-2026) & (Units)

Table 179. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity by Country (2027-2032) & (Units)

Table 180. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2021-2026) & (USD Million)

Table 181. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Consumption Value by Country (2027-2032) & (USD Million)

Table 182. Hydrogen Fuel Cell Engine for Transportation Raw Material

Table 183. Key Manufacturers of Hydrogen Fuel Cell Engine for Transportation Raw Materials

Table 184. Hydrogen Fuel Cell Engine for Transportation Typical Distributors

Table 185. Hydrogen Fuel Cell Engine for Transportation Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Hydrogen Fuel Cell Engine for Transportation Picture

Figure 2. Global Hydrogen Fuel Cell Engine for Transportation Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Hydrogen Fuel Cell Engine for Transportation Revenue Market Share by Type in 2025

Figure 4. PEMFC Examples

Figure 5. AFC Examples

Figure 6. PAFC Examples

Figure 7. SOFC Examples

Figure 8. MCFC Examples

Figure 9. Global Hydrogen Fuel Cell Engine for Transportation Revenue by Power(kW), (USD Million), 2021 & 2025 & 2032

Figure 10. Global Hydrogen Fuel Cell Engine for Transportation Revenue Market Share by Power(kW) in 2025

Figure 11. >100kW Examples

Figure 12. <100kW Examples

Figure 13. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 14. Global Hydrogen Fuel Cell Engine for Transportation Revenue Market Share by Application in 2025

Figure 15. Rail Transit Examples

Figure 16. Road Transit Examples

Figure 17. Ships Examples

Figure 18. Construction Machinery Examples

Figure 19. Others Examples

Figure 20. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 21. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 22. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity (2021-2032) & (Units)

Figure 23. Global Hydrogen Fuel Cell Engine for Transportation Price (2021-2032) & (K US\$/Unit)

Figure 24. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Manufacturer in 2025

Figure 25. Global Hydrogen Fuel Cell Engine for Transportation Revenue Market Share by Manufacturer in 2025

Figure 26. Producer Shipments of Hydrogen Fuel Cell Engine for Transportation by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 27. Top 3 Hydrogen Fuel Cell Engine for Transportation Manufacturer (Revenue) Market Share in 2025

Figure 28. Top 6 Hydrogen Fuel Cell Engine for Transportation Manufacturer (Revenue) Market Share in 2025

Figure 29. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Region (2021-2032)

Figure 30. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Region (2021-2032)

Figure 31. North America Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 32. Europe Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 33. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 34. South America Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 35. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 36. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 37. Global Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Type (2021-2032)

Figure 38. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Type (2021-2032) & (K US\$/Unit)

Figure 39. Global Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 40. Global Hydrogen Fuel Cell Engine for Transportation Revenue Market Share by Application (2021-2032)

Figure 41. Global Hydrogen Fuel Cell Engine for Transportation Average Price by Application (2021-2032) & (K US\$/Unit)

Figure 42. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 43. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 44. North America Hydrogen Fuel Cell Engine for Transportation Sales Quantity

Market Share by Country (2021-2032)

Figure 45. North America Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Country (2021-2032)

Figure 46. United States Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 47. Canada Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 48. Mexico Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 49. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 50. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 51. Europe Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Country (2021-2032)

Figure 52. Europe Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Country (2021-2032)

Figure 53. Germany Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 54. France Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 55. United Kingdom Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 56. Russia Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 57. Italy Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 58. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 59. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 60. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Region (2021-2032)

Figure 61. Asia-Pacific Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Region (2021-2032)

Figure 62. China Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 63. Japan Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 64. South Korea Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 65. India Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 66. Southeast Asia Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 67. Australia Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 68. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 69. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 70. South America Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Country (2021-2032)

Figure 71. South America Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Country (2021-2032)

Figure 72. Brazil Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 73. Argentina Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 74. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Type (2021-2032)

Figure 75. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Application (2021-2032)

Figure 76. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Sales Quantity Market Share by Country (2021-2032)

Figure 77. Middle East & Africa Hydrogen Fuel Cell Engine for Transportation Consumption Value Market Share by Country (2021-2032)

Figure 78. Turkey Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 79. Egypt Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 80. Saudi Arabia Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 81. South Africa Hydrogen Fuel Cell Engine for Transportation Consumption Value (2021-2032) & (USD Million)

Figure 82. Hydrogen Fuel Cell Engine for Transportation Market Drivers

Figure 83. Hydrogen Fuel Cell Engine for Transportation Market Restraints

Figure 84. Hydrogen Fuel Cell Engine for Transportation Market Trends

Figure 85. Porters Five Forces Analysis

Figure 86. Manufacturing Cost Structure Analysis of Hydrogen Fuel Cell Engine for Transportation in 2025

Figure 87. Manufacturing Process Analysis of Hydrogen Fuel Cell Engine for Transportation

Figure 88. Hydrogen Fuel Cell Engine for Transportation Industrial Chain

Figure 89. Sales Channel: Direct to End-User vs Distributors

Figure 90. Direct Channel Pros & Cons

Figure 91. Indirect Channel Pros & Cons

Figure 92. Methodology

Figure 93. Research Process and Data Source

## I would like to order

Product name: Global Hydrogen Fuel Cell Engine for Transportation Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G3AB3DBD8E29EN.html>

Price: US\$ 3,480.00 (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/G3AB3DBD8E29EN.html>