

Global Hydrogen Fuel Cell Stacks Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GE849D17A3DEN.html>

Date: July 2024

Pages: 115

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

ID: GE849D17A3DEN

Abstracts

According to our (Global Info Research) latest study, the global Hydrogen Fuel Cell Stacks market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

A fuel cell stack consists of a pile of cells consisting of bipolar plates, membrane electrode assemblies (MEAs), seals and end plates, plus the tensioning system. When hydrogen fuel mixes with atmospheric oxygen as it passes through a fuel cell stack, producing zero-emissions electricity to power a motor.

This report is a detailed and comprehensive analysis for global Hydrogen Fuel Cell Stacks 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 2023, are provided.

Key Features:

Global Hydrogen Fuel Cell Stacks market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Hydrogen Fuel Cell Stacks market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices

(US\$/Unit), 2018-2029

Global Hydrogen Fuel Cell Stacks market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Hydrogen Fuel Cell Stacks market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Stacks

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 Stacks market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Robert Bosch GmbH, Plug Power, Hyundai Mobis, Ballard and Toyota, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Hydrogen Fuel Cell Stacks market is split by Type and by Application. For the period 2018-2029, 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

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Hydrogen Fuel Cell Stacks

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Hydrogen Fuel Cell Stacks Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2

List Of Tables

LIST OF TABLES

Table 1. Global Hydrogen Fuel Cell Stacks Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Hydrogen Fuel Cell Stacks Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Robert Bosch GmbH Basic Information, Manufacturing Base and Competitors

Table 4. Robert Bosch GmbH Major Business

Table 5. Robert Bosch GmbH Hydrogen Fuel Cell Stacks Product and Services

Table 6. Robert Bosch GmbH Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Robert Bosch GmbH Recent Developments/Updates

Table 8. Plug Power Basic Information, Manufacturing Base and Competitors

Table 9. Plug Power Major Business

Table 10. Plug Power Hydrogen Fuel Cell Stacks Product and Services

Table 11. Plug Power Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Plug Power Recent Developments/Updates

Table 13. Hyundai Mobis Basic Information, Manufacturing Base and Competitors

Table 14. Hyundai Mobis Major Business

Table 15. Hyundai Mobis Hydrogen Fuel Cell Stacks Product and Services

Table 16. Hyundai Mobis Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Hyundai Mobis Recent Developments/Updates

Table 18. Ballard Basic Information, Manufacturing Base and Competitors

Table 19. Ballard Major Business

Table 20. Ballard Hydrogen Fuel Cell Stacks Product and Services

Table 21. Ballard Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Ballard Recent Developments/Updates

Table 23. Toyota Basic Information, Manufacturing Base and Competitors

Table 24. Toyota Major Business

Table 25. Toyota Hydrogen Fuel Cell Stacks Product and Services

Table 26. Toyota Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Toyota Recent Developments/Updates

- Table 28. SinoHytec Basic Information, Manufacturing Base and Competitors
- Table 29. SinoHytec Major Business
- Table 30. SinoHytec Hydrogen Fuel Cell Stacks Product and Services
- Table 31. SinoHytec Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. SinoHytec Recent Developments/Updates
- Table 33. Cummins Basic Information, Manufacturing Base and Competitors
- Table 34. Cummins Major Business
- Table 35. Cummins Hydrogen Fuel Cell Stacks Product and Services
- Table 36. Cummins Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Cummins Recent Developments/Updates
- Table 38. Pearl Hydrogen Basic Information, Manufacturing Base and Competitors
- Table 39. Pearl Hydrogen Major Business
- Table 40. Pearl Hydrogen Hydrogen Fuel Cell Stacks Product and Services
- Table 41. Pearl Hydrogen Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Pearl Hydrogen Recent Developments/Updates
- Table 43. Elring Klinger Basic Information, Manufacturing Base and Competitors
- Table 44. Elring Klinger Major Business
- Table 45. Elring Klinger Hydrogen Fuel Cell Stacks Product and Services
- Table 46. Elring Klinger Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. Elring Klinger Recent Developments/Updates
- Table 48. Sunrise Power Basic Information, Manufacturing Base and Competitors
- Table 49. Sunrise Power Major Business
- Table 50. Sunrise Power Hydrogen Fuel Cell Stacks Product and Services
- Table 51. Sunrise Power Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Sunrise Power Recent Developments/Updates
- Table 53. Symbio Basic Information, Manufacturing Base and Competitors
- Table 54. Symbio Major Business
- Table 55. Symbio Hydrogen Fuel Cell Stacks Product and Services
- Table 56. Symbio Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Symbio Recent Developments/Updates
- Table 58. Nedstack Basic Information, Manufacturing Base and Competitors
- Table 59. Nedstack Major Business
- Table 60. Nedstack Hydrogen Fuel Cell Stacks Product and Services

- Table 61. Nedstack Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Nedstack Recent Developments/Updates
- Table 63. Cellcentric Basic Information, Manufacturing Base and Competitors
- Table 64. Cellcentric Major Business
- Table 65. Cellcentric Hydrogen Fuel Cell Stacks Product and Services
- Table 66. Cellcentric Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. Cellcentric Recent Developments/Updates
- Table 68. Nikola Basic Information, Manufacturing Base and Competitors
- Table 69. Nikola Major Business
- Table 70. Nikola Hydrogen Fuel Cell Stacks Product and Services
- Table 71. Nikola Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. Nikola Recent Developments/Updates
- Table 73. Sino-Synergy Hydrogen Energy Technology (Jiaxing) Co., Ltd Basic Information, Manufacturing Base and Competitors
- Table 74. Sino-Synergy Hydrogen Energy Technology (Jiaxing) Co., Ltd Major Business
- Table 75. Sino-Synergy Hydrogen Energy Technology (Jiaxing) Co., Ltd Hydrogen Fuel Cell Stacks Product and Services
- Table 76. Sino-Synergy Hydrogen Energy Technology (Jiaxing) Co., Ltd Hydrogen Fuel Cell Stacks Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Sino-Synergy Hydrogen Energy Technology (Jiaxing) Co., Ltd Recent Developments/Updates
- Table 78. Global Hydrogen Fuel Cell Stacks Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 79. Global Hydrogen Fuel Cell Stacks Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 80. Global Hydrogen Fuel Cell Stacks Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 81. Market Position of Manufacturers in Hydrogen Fuel Cell Stacks, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 82. Head Office and Hydrogen Fuel Cell Stacks Production Site of Key Manufacturer
- Table 83. Hydrogen Fuel Cell Stacks Market: Company Product Type Footprint
- Table 84. Hydrogen Fuel Cell Stacks Market: Company Product Application Footprint
- Table 85. Hydrogen Fuel Cell Stacks New Market Entrants and Barriers to Market Entry
- Table 86. Hydrogen Fuel Cell Stacks Mergers, Acquisition, Agreements, and

Collaborations

Table 87. Global Hydrogen Fuel Cell Stacks Sales Quantity by Region (2018-2023) & (K Units)

Table 88. Global Hydrogen Fuel Cell Stacks Sales Quantity by Region (2024-2029) & (K Units)

Table 89. Global Hydrogen Fuel Cell Stacks Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global Hydrogen Fuel Cell Stacks Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global Hydrogen Fuel Cell Stacks Average Price by Region (2018-2023) & (US\$/Unit)

Table 92. Global Hydrogen Fuel Cell Stacks Average Price by Region (2024-2029) & (US\$/Unit)

Table 93. Global Hydrogen Fuel Cell Stacks Sales Quantity by Type (2018-2023) & (K Units)

Table 94. Global Hydrogen Fuel Cell Stacks Sales Quantity by Type (2024-2029) & (K Units)

Table 95. Global Hydrogen Fuel Cell Stacks Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global Hydrogen Fuel Cell Stacks Consumption Value by Type (2024-2029) & (USD Million)

Table 97. Global Hydrogen Fuel Cell Stacks Average Price by Type (2018-2023) & (US\$/Unit)

Table 98. Global Hydrogen Fuel Cell Stacks Average Price by Type (2024-2029) & (US\$/Unit)

Table 99. Global Hydrogen Fuel Cell Stacks Sales Quantity by Application (2018-2023) & (K Units)

Table 100. Global Hydrogen Fuel Cell Stacks Sales Quantity by Application (2024-2029) & (K Units)

Table 101. Global Hydrogen Fuel Cell Stacks Consumption Value by Application (2018-2023) & (USD Million)

Table 102. Global Hydrogen Fuel Cell Stacks Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global Hydrogen Fuel Cell Stacks Average Price by Application (2018-2023) & (US\$/Unit)

Table 104. Global Hydrogen Fuel Cell Stacks Average Price by Application (2024-2029) & (US\$/Unit)

Table 105. North America Hydrogen Fuel Cell Stacks Sales Quantity by Type (2018-2023) & (K Units)

- Table 106. North America Hydrogen Fuel Cell Stacks Sales Quantity by Type (2024-2029) & (K Units)
- Table 107. North America Hydrogen Fuel Cell Stacks Sales Quantity by Application (2018-2023) & (K Units)
- Table 108. North America Hydrogen Fuel Cell Stacks Sales Quantity by Application (2024-2029) & (K Units)
- Table 109. North America Hydrogen Fuel Cell Stacks Sales Quantity by Country (2018-2023) & (K Units)
- Table 110. North America Hydrogen Fuel Cell Stacks Sales Quantity by Country (2024-2029) & (K Units)
- Table 111. North America Hydrogen Fuel Cell Stacks Consumption Value by Country (2018-2023) & (USD Million)
- Table 112. North America Hydrogen Fuel Cell Stacks Consumption Value by Country (2024-2029) & (USD Million)
- Table 113. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Type (2018-2023) & (K Units)
- Table 114. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Type (2024-2029) & (K Units)
- Table 115. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Application (2018-2023) & (K Units)
- Table 116. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Application (2024-2029) & (K Units)
- Table 117. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Country (2018-2023) & (K Units)
- Table 118. Europe Hydrogen Fuel Cell Stacks Sales Quantity by Country (2024-2029) & (K Units)
- Table 119. Europe Hydrogen Fuel Cell Stacks Consumption Value by Country (2018-2023) & (USD Million)
- Table 120. Europe Hydrogen Fuel Cell Stacks Consumption Value by Country (2024-2029) & (USD Million)
- Table 121. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Type (2018-2023) & (K Units)
- Table 122. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Type (2024-2029) & (K Units)
- Table 123. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Application (2018-2023) & (K Units)
- Table 124. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Application (2024-2029) & (K Units)
- Table 125. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Region

(2018-2023) & (K Units)

Table 126. Asia-Pacific Hydrogen Fuel Cell Stacks Sales Quantity by Region

(2024-2029) & (K Units)

Table 127. Asia-Pacific Hydrogen Fuel Cell Stacks Consumption Value by Region

(2018-2023) & (USD Million)

Table 128. Asia-Pacific Hydrogen Fuel Cell Stacks Consumption Value by Region

(2024-2029) & (USD Million)

Table 129. South America Hydrogen Fuel Cell Stacks Sales Quantity by Type

(2018-2023) & (K Units)

Table 130. South America Hydrogen Fuel Cell Stacks Sales Quantity by Type

(2024-2029) & (K Units)

Table 131. South America Hydrogen Fuel Cell Stacks Sales Quantity by Application

(2018-2023) & (K Units)

Table 132. South America Hydrogen Fuel Cell Stacks Sales Quantity by Application

(2024-2029) & (K Units)

Table 133. South America Hydrogen Fuel Cell Stacks Sales Quantity by Country

(2018-2023) & (K Units)

Table 134. South America Hydrogen Fuel Cell Stacks Sales Quantity by Country

(2024-2029) & (K Units)

Table 135. South America Hydrogen Fuel Cell Stacks Consumption Value by Country

(2018-2023) & (USD Million)

Table 136. South America Hydrogen Fuel Cell Stacks Consumption Value by Country

(2024-2029) & (USD Million)

Table 137. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by Type

(2018-2023) & (K Units)

Table 138. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by Type

(2024-2029) & (K Units)

Table 139. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by

Application (2018-2023) & (K Units)

Table 140. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by

Application (2024-2029) & (K Units)

Table 141. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by Region

(2018-2023) & (K Units)

Table 142. Middle East & Africa Hydrogen Fuel Cell Stacks Sales Quantity by Region

(2024-2029) & (K Units)

Table 143. Middle East & Africa Hydrogen Fuel Cell Stacks Consumption Value by

Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa Hydrogen Fuel Cell Stacks Consumption Value by

Region (2024-2029) & (USD Million)

Table 145. Hydrogen Fuel Cell Stacks Raw Material

Table 146. Key Manufacturers of Hydrogen Fuel Cell Stacks Raw Materials

Table 147. Hydrogen Fuel Cell Stacks Typical Distributors

Table 148. Hydrogen Fuel Cell Stacks Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Hydrogen Fuel Cell Stacks Picture

Figure 2. Global Hydrogen Fuel Cell Stacks Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Hydrogen Fuel Cell Stacks Consumption Value Market Share by Type in 2022

Figure 4.

I would like to order

Product name: Global Hydrogen Fuel Cell Stacks Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GE849D17A3DEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE849D17A3DEN.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

