

# Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The on-board hydrogen storage bottle is one of the key components of the fuel cell system. As the energy storage unit of the fuel cell vehicle, it is used to store and provide hydrogen for the electrochemical reaction of the stack. The improvement of on-board hydrogen storage technology is the top priority in the development of fuel cell vehicles. Its storage volume, light weight, and safety performance greatly affect the driving range and safe operation of fuel cell vehicles. At present, high-pressure gaseous hydrogen storage is the most mature vehicle-mounted hydrogen storage method, and it has taken the lead in realizing large-scale commercial application.

This report studies the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles that contribute to its increasing demand across many markets.

Highlights and key features of the study



Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles total production and demand, 2018-2029, (K Units)

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles total production value, 2018-2029, (USD Million)

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles domestic production, consumption, key domestic manufacturers and share

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles 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 Faurecia, NPROXX, Hexagon Purus, Luxfer, Mirai, Quantum Fuel Systems LLC, Plastic Omnium, Jiangsu Guofu Hydrogen Energy Equipment Co, LTD and Zhangjiagang Furui Special Equipment Co.,Ltd, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market



Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market, By Region:

United States China Europe Japan South Korea ASEAN India Rest of World

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market, Segmentation by Type

Metal Liner Carbon Fiber Fully Wound Gas Cylinder

Plastic Liner Carbon Fiber Fully Wound Gas Cylinder

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market, Segmentation by Application

Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Supply, Demand and Key Producers, 2023-2029



Passenger Car

Truck

Bus

Other

#### Companies Profiled:

Faurecia

NPROXX

Hexagon Purus

Luxfer

Mirai

Quantum Fuel Systems LLC

Plastic Omnium

Jiangsu Guofu Hydrogen Energy Equipment Co, LTD

Zhangjiagang Furui Special Equipment Co.,Ltd

Shandong AUYAN New Energy Technology Co., Ltd

Beijing Tianhai Industrial Co., Ltd.

Key Questions Answered

1. How big is the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market?



2. What is the demand of the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market?

3. What is the year over year growth of the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market?

4. What is the production and production value of the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market?

5. Who are the key producers in the global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles market?

6. What are the growth factors driving the market demand?



# Contents

#### **1 SUPPLY SUMMARY**

1.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Introduction

1.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Supply & Forecast

1.2.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value (2018 & 2022 & 2029)

1.2.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.2.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Pricing Trends (2018-2029)

1.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Region (Based on Production Site)

1.3.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Region (2018-2029)

1.3.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Region (2018-2029)

1.3.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Region (2018-2029)

1.3.4 North America On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.3.5 Europe On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.3.6 China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.3.7 Japan On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.3.8 South Korea On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.3.9 India On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Major Market Trends

1.5 Influence of COVID-19 and Russia-Ukraine War

1.5.1 Influence of COVID-19

1.5.2 Influence of Russia-Ukraine War



#### 2 DEMAND SUMMARY

2.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Demand (2018-2029)

2.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption by Region

2.2.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption by Region (2018-2023)

2.2.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Forecast by Region (2024-2029)

2.3 United States On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.4 China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.5 Europe On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.6 Japan On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.7 South Korea On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.8 ASEAN On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

2.9 India On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029)

# 3 WORLD ON-BOARD HYDROGEN STORAGE BOTTLE FOR FUEL CELL VEHICLES MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Manufacturer (2018-2023)

3.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Manufacturer (2018-2023)

3.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Manufacturer (2018-2023)

3.4 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Industry Rank



of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles in 2022

3.5.3 Global Concentration Ratios (CR8) for On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles in 2022

3.6 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: Overall Company Footprint Analysis

3.6.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: Region Footprint

3.6.2 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: Company Product Type Footprint

3.6.3 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: Company Product Application Footprint

3.7 Competitive Environment

- 3.7.1 Historical Structure of the Industry
- 3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

# 4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Comparison

4.1.1 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Comparison

4.2.1 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Comparison

4.3.1 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell



Vehicles Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers and Market Share, 2018-2023

4.4.1 United States Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value (2018-2023)

4.4.3 United States Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023)

4.5 China Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers and Market Share

4.5.1 China Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value (2018-2023)

4.5.3 China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023)

4.6 Rest of World Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023)

#### **5 MARKET ANALYSIS BY TYPE**

5.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Metal Liner Carbon Fiber Fully Wound Gas Cylinder

5.2.2 Plastic Liner Carbon Fiber Fully Wound Gas Cylinder

5.3 Market Segment by Type

5.3.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Type (2018-2029)

5.3.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Type (2018-2029)

5.3.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price



by Type (2018-2029)

#### 6 MARKET ANALYSIS BY APPLICATION

6.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market Size

Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Passenger Car

- 6.2.2 Truck
- 6.2.3 Bus
- 6.2.4 Other
- 6.3 Market Segment by Application

6.3.1 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Application (2018-2029)

6.3.2 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Application (2018-2029)

6.3.3 World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Application (2018-2029)

### **7 COMPANY PROFILES**

7.1 Faurecia

7.1.1 Faurecia Details

7.1.2 Faurecia Major Business

7.1.3 Faurecia On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.1.4 Faurecia On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production,

Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Faurecia Recent Developments/Updates

7.1.6 Faurecia Competitive Strengths & Weaknesses

7.2 NPROXX

7.2.1 NPROXX Details

7.2.2 NPROXX Major Business

7.2.3 NPROXX On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.2.4 NPROXX On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production,

Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 NPROXX Recent Developments/Updates

7.2.6 NPROXX Competitive Strengths & Weaknesses



7.3 Hexagon Purus

7.3.1 Hexagon Purus Details

7.3.2 Hexagon Purus Major Business

7.3.3 Hexagon Purus On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.3.4 Hexagon Purus On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Hexagon Purus Recent Developments/Updates

7.3.6 Hexagon Purus Competitive Strengths & Weaknesses

7.4 Luxfer

7.4.1 Luxfer Details

7.4.2 Luxfer Major Business

7.4.3 Luxfer On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.4.4 Luxfer On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production,

Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Luxfer Recent Developments/Updates

7.4.6 Luxfer Competitive Strengths & Weaknesses

7.5 Mirai

7.5.1 Mirai Details

7.5.2 Mirai Major Business

7.5.3 Mirai On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.5.4 Mirai On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Mirai Recent Developments/Updates

7.5.6 Mirai Competitive Strengths & Weaknesses

7.6 Quantum Fuel Systems LLC

7.6.1 Quantum Fuel Systems LLC Details

7.6.2 Quantum Fuel Systems LLC Major Business

7.6.3 Quantum Fuel Systems LLC On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.6.4 Quantum Fuel Systems LLC On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Quantum Fuel Systems LLC Recent Developments/Updates

7.6.6 Quantum Fuel Systems LLC Competitive Strengths & Weaknesses

7.7 Plastic Omnium

7.7.1 Plastic Omnium Details

7.7.2 Plastic Omnium Major Business



7.7.3 Plastic Omnium On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.7.4 Plastic Omnium On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Plastic Omnium Recent Developments/Updates

7.7.6 Plastic Omnium Competitive Strengths & Weaknesses

7.8 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD

7.8.1 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Details

7.8.2 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Major Business

7.8.3 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.8.4 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Recent Developments/Updates

7.8.6 Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Competitive Strengths & Weaknesses

7.9 Zhangjiagang Furui Special Equipment Co.,Ltd

7.9.1 Zhangjiagang Furui Special Equipment Co., Ltd Details

7.9.2 Zhangjiagang Furui Special Equipment Co., Ltd Major Business

7.9.3 Zhangjiagang Furui Special Equipment Co.,Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.9.4 Zhangjiagang Furui Special Equipment Co.,Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Zhangjiagang Furui Special Equipment Co., Ltd Recent Developments/Updates

7.9.6 Zhangjiagang Furui Special Equipment Co.,Ltd Competitive Strengths & Weaknesses

7.10 Shandong AUYAN New Energy Technology Co., Ltd

7.10.1 Shandong AUYAN New Energy Technology Co., Ltd Details

7.10.2 Shandong AUYAN New Energy Technology Co., Ltd Major Business

7.10.3 Shandong AUYAN New Energy Technology Co., Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.10.4 Shandong AUYAN New Energy Technology Co., Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Shandong AUYAN New Energy Technology Co., Ltd Recent Developments/Updates



7.10.6 Shandong AUYAN New Energy Technology Co., Ltd Competitive Strengths & Weaknesses

7.11 Beijing Tianhai Industrial Co., Ltd.

7.11.1 Beijing Tianhai Industrial Co., Ltd. Details

7.11.2 Beijing Tianhai Industrial Co., Ltd. Major Business

7.11.3 Beijing Tianhai Industrial Co., Ltd. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

7.11.4 Beijing Tianhai Industrial Co., Ltd. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Beijing Tianhai Industrial Co., Ltd. Recent Developments/Updates

7.11.6 Beijing Tianhai Industrial Co., Ltd. Competitive Strengths & Weaknesses

### **8 INDUSTRY CHAIN ANALYSIS**

8.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Industry Chain

- 8.2 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Upstream Analysis
- 8.2.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Core Raw Materials

8.2.2 Main Manufacturers of On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles

Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Mode

8.6 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Procurement Model

8.7 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Industry Sales Model and Sales Channels

8.7.1 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Sales Model

8.7.2 On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Typical Customers

# 9 RESEARCH FINDINGS AND CONCLUSION

### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# List Of Tables

### LIST OF TABLES

Table 1. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles ProductionValue by Region (2018-2023) & (USD Million)

Table 3. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Region (2024-2029) & (USD Million)

Table 4. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Region (2018-2023)

Table 5. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Region (2024-2029)

Table 6. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Region (2018-2023) & (K Units)

Table 7. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Region (2024-2029) & (K Units)

Table 8. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share by Region (2018-2023)

Table 9. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share by Region (2024-2029)

Table 10. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Major Market Trends

Table 13. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption by Region (2018-2023) & (K Units)

Table 15. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Producers in 2022

Table 18. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production



by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Producers in 2022

Table 20. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles AveragePrice by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Company Evaluation Quadrant

Table 22. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Site of Key Manufacturer

Table 24. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: Company Product Type Footprint

Table 25. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market: CompanyProduct Application Footprint

Table 26. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Competitive Factors Table 27. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles New Entrant and Capacity Expansion Plans

Table 28. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Mergers &Acquisitions Activity

Table 29. United States VS China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Comparison, (2018 & 2022 & 2029) & (USD Million) Table 30. United States VS China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China On-Board Hydrogen Storage Bottle for Fuel Cell

Vehicles Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers On-Board Hydrogen Storage Bottle forFuel Cell Vehicles Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers On-Board Hydrogen Storage Bottle forFuel Cell Vehicles Production Market Share (2018-2023)

Table 37. China Based On-Board Hydrogen Storage Bottle for Fuel Cell VehiclesManufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell



Vehicles Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share (2018-2023)

Table 42. Rest of World Based On-Board Hydrogen Storage Bottle for Fuel CellVehicles Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share (2018-2023)

Table 47. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Type (2018-2023) & (K Units)

Table 49. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Type (2024-2029) & (K Units)

Table 50. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Type (2018-2023) & (USD Million)

Table 51. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Type (2024-2029) & (USD Million)

Table 52. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Application (2018-2023) & (K Units)

Table 56. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production by Application (2024-2029) & (K Units)

Table 57. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Application (2018-2023) & (USD Million)



Table 58. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Application (2024-2029) & (USD Million)

Table 59. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Application (2024-2029) & (US\$/Unit)

 Table 61. Faurecia Basic Information, Manufacturing Base and Competitors

Table 62. Faurecia Major Business

Table 63. Faurecia On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 64. Faurecia On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Faurecia Recent Developments/Updates

Table 66. Faurecia Competitive Strengths & Weaknesses

Table 67. NPROXX Basic Information, Manufacturing Base and Competitors

Table 68. NPROXX Major Business

Table 69. NPROXX On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 70. NPROXX On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. NPROXX Recent Developments/Updates

Table 72. NPROXX Competitive Strengths & Weaknesses

Table 73. Hexagon Purus Basic Information, Manufacturing Base and Competitors

Table 74. Hexagon Purus Major Business

Table 75. Hexagon Purus On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 76. Hexagon Purus On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Hexagon Purus Recent Developments/Updates

Table 78. Hexagon Purus Competitive Strengths & Weaknesses

Table 79. Luxfer Basic Information, Manufacturing Base and Competitors

Table 80. Luxfer Major Business

Table 81. Luxfer On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 82. Luxfer On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market



Share (2018-2023)

Table 83. Luxfer Recent Developments/Updates

Table 84. Luxfer Competitive Strengths & Weaknesses

Table 85. Mirai Basic Information, Manufacturing Base and Competitors

Table 86. Mirai Major Business

Table 87. Mirai On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 88. Mirai On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Mirai Recent Developments/Updates

Table 90. Mirai Competitive Strengths & Weaknesses

Table 91. Quantum Fuel Systems LLC Basic Information, Manufacturing Base and Competitors

Table 92. Quantum Fuel Systems LLC Major Business

Table 93. Quantum Fuel Systems LLC On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 94. Quantum Fuel Systems LLC On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 95. Quantum Fuel Systems LLC Recent Developments/Updates

 Table 96. Quantum Fuel Systems LLC Competitive Strengths & Weaknesses

Table 97. Plastic Omnium Basic Information, Manufacturing Base and Competitors

Table 98. Plastic Omnium Major Business

Table 99. Plastic Omnium On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 100. Plastic Omnium On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 101. Plastic Omnium Recent Developments/Updates

Table 102. Plastic Omnium Competitive Strengths & Weaknesses

Table 103. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Basic Information, Manufacturing Base and Competitors

Table 104. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Major Business Table 105. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 106. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)



Table 107. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Recent Developments/Updates

Table 108. Jiangsu Guofu Hydrogen Energy Equipment Co, LTD Competitive Strengths & Weaknesses

Table 109. Zhangjiagang Furui Special Equipment Co.,Ltd Basic Information,

Manufacturing Base and Competitors

Table 110. Zhangjiagang Furui Special Equipment Co.,Ltd Major Business

Table 111. Zhangjiagang Furui Special Equipment Co.,Ltd On-Board Hydrogen StorageBottle for Fuel Cell Vehicles Product and Services

Table 112. Zhangjiagang Furui Special Equipment Co.,Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Zhangjiagang Furui Special Equipment Co.,Ltd Recent Developments/Updates

Table 114. Zhangjiagang Furui Special Equipment Co.,Ltd Competitive Strengths & Weaknesses

Table 115. Shandong AUYAN New Energy Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 116. Shandong AUYAN New Energy Technology Co., Ltd Major Business

Table 117. Shandong AUYAN New Energy Technology Co., Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 118. Shandong AUYAN New Energy Technology Co., Ltd On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Shandong AUYAN New Energy Technology Co., Ltd Recent Developments/Updates

Table 120. Beijing Tianhai Industrial Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 121. Beijing Tianhai Industrial Co., Ltd. Major Business

Table 122. Beijing Tianhai Industrial Co., Ltd. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Product and Services

Table 123. Beijing Tianhai Industrial Co., Ltd. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Upstream (Raw Materials)

Table 125. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Typical Customers Table 126. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Typical Distributors



Global On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Supply, Demand and Key Producers, 2023-2029



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Picture Figure 2. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value: 2018 & 2022 & 2029, (USD Million) Figure 3. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value and Forecast (2018-2029) & (USD Million) Figure 4. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 5. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price (2018-2029) & (US\$/Unit) Figure 6. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Region (2018-2029) Figure 7. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share by Region (2018-2029) Figure 8. North America On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 9. Europe On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 10. China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 11. Japan On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 12. South Korea On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 13. India On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production (2018-2029) & (K Units) Figure 14. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Market Drivers Figure 15. Factors Affecting Demand Figure 16. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units) Figure 17. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Market Share by Region (2018-2029) Figure 18. United States On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units) Figure 19. China On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)



Figure 20. Europe On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)

Figure 21. Japan On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)

Figure 22. South Korea On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)

Figure 23. ASEAN On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)

Figure 24. India On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption (2018-2029) & (K Units)

Figure 25. Producer Shipments of On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 26. Global Four-firm Concentration Ratios (CR4) for On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Markets in 2022

Figure 27. Global Four-firm Concentration Ratios (CR8) for On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Markets in 2022

Figure 28. United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States VS China: On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 31. United States Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share 2022

Figure 32. China Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share 2022

Figure 33. Rest of World Based Manufacturers On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share 2022

Figure 34. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 35. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Type in 2022

Figure 36. Metal Liner Carbon Fiber Fully Wound Gas Cylinder

Figure 37. Plastic Liner Carbon Fiber Fully Wound Gas Cylinder

Figure 38. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share by Type (2018-2029)

Figure 39. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Type (2018-2029)

Figure 40. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average



Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Application in 2022

Figure 43. Passenger Car

Figure 44. Truck

Figure 45. Bus

Figure 46. Other

Figure 47. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Market Share by Application (2018-2029)

Figure 48. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Production Value Market Share by Application (2018-2029)

Figure 49. World On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Industry Chain Figure 51. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Procurement Model

Figure 52. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Sales Model

Figure 53. On-Board Hydrogen Storage Bottle for Fuel Cell Vehicles Sales Channels,

Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source



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