

Global Solid-state Hydrogen Storage Equipment Market Growth 2026-2032

<https://marketpublishers.com/r/GCBCD85F88FAEN.html>

Date: May 2026

Pages: 105

Price: US\$ 3,660.00 (Single User License)

ID: GCBCD85F88FAEN

Abstracts

The global Solid-state Hydrogen Storage Equipment market size is predicted to grow from US\$ 74.51 million in 2025 to US\$ 564 million in 2032; it is expected to grow at a CAGR of 33.2% from 2026 to 2032.

Solid-state hydrogen storage equipment refers to equipment or systems that use solid carriers such as metal hydrides, hydrogen storage alloys, Mg-based hydrogen storage materials, and rare earth hydrogen storage materials as the core to adsorb/absorb hydrogen into the solid phase, store it at high density under low pressure, and are equipped with thermal management, pipelines and valves, and monitoring and control to realize a complete set of hydrogen supply/storage functions.

For solid-state hydrogen storage equipment based on metal hydrides, the upstream mainly covers metal and alloy materials (Mg, Ti, rare earth, Ni-based systems), hydrogen storage alloy powders, pressure vessels and machining, plus valves, piping, heat-exchangers, sensors and control electronics. System integrators turn these into complete solid-state storage tanks or containerized units. Downstream, the equipment is used in renewable-hydrogen energy storage systems, backup power and microgrids, industrial hydrogen buffering and recycling, hydrogen refueling stations (as low-pressure buffer), special vehicles and portable/emergency power for telecom, remote sites and military applications.

Global sales of solid-state hydrogen storage equipment reached 52,717 kgH₂ in 2025, with an average price of \$1,445 per kgH₂.

As a key carrier connecting hydrogen production and hydrogen utilization in the hydrogen energy industry chain, solid-state hydrogen storage equipment has gained

momentum due to the in-depth alignment between its technical characteristics and industrial demands, with multiple driving forces jointly promoting its development from demonstration applications to large-scale implementation. Compared with traditional high-pressure gaseous and low-temperature liquid hydrogen storage methods, solid-state hydrogen storage takes low-pressure working status as its core advantage, fundamentally avoiding safety risks such as high-pressure leakage and low-temperature thermal insulation failure. This feature enables it to accurately adapt to scenarios with strict safety requirements, such as new energy vehicles and distributed energy systems. As an important part of the clean energy transition, policy support for hydrogen energy and the improvement of the hydrogen energy industry chain have further amplified the value of solid-state hydrogen storage in the energy storage field?it can effectively absorb the intermittent power from renewable energy generation, realize cross-temporal and spatial energy allocation through hydrogen storage, and form a closed loop of 'production-storage-utilization'. At the same time, breakthroughs in hydrogen storage material research and development, including the performance optimization of metal hydrides, organic liquids and porous adsorption materials, have continuously improved the equipment's hydrogen storage density and hydrogen charging-discharging convenience, providing technical support for the adaptation of different scenarios. However, the large-scale development of solid-state hydrogen storage equipment still faces multiple challenges. Technically, the performance bottleneck of hydrogen storage materials is particularly prominent. Some metal hydrides require high-temperature assistance to achieve efficient hydrogen desorption, while organic liquid hydrogen storage relies on expensive precious metal catalysts and is prone to deactivation, which restricts the response speed and use cost of the equipment. The cycle life of materials also needs to be solved urgently. The lattice distortion or pulverization phenomenon during repeated hydrogen charging and discharging will lead to continuous attenuation of hydrogen storage capacity. In terms of cost, the core hydrogen storage materials have high synthesis energy consumption and complex preparation processes. Coupled with the fact that equipment production has not yet formed economies of scale, the initial purchase cost is much higher than that of traditional hydrogen storage equipment. At the industrial chain level, the poor compatibility between the equipment and upstream hydrogen production devices and downstream fuel cells, the lack of unified interfaces and safety standards, make it difficult for products from different enterprises to achieve interconnection. The dependence on external supply in some links of key materials and precision components also increases the uncertainty of industrial development. In addition, there are still gaps in relevant safety testing and control standards for the release of harmful substances that may occur during hydrogen storage, which has become an important obstacle to its entry into civil and public fields.

LP Information, Inc. (LPI) ' newest research report, the "Solid-state Hydrogen Storage Equipment Industry Forecast" looks at past sales and reviews total world Solid-state Hydrogen Storage Equipment sales in 2025, providing a comprehensive analysis by region and market sector of projected Solid-state Hydrogen Storage Equipment sales for 2026 through 2032. With Solid-state Hydrogen Storage Equipment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Solid-state Hydrogen Storage Equipment industry.

This Insight Report provides a comprehensive analysis of the global Solid-state Hydrogen Storage Equipment landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Solid-state Hydrogen Storage Equipment portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Solid-state Hydrogen Storage Equipment market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Solid-state Hydrogen Storage Equipment and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Solid-state Hydrogen Storage Equipment.

This report presents a comprehensive overview, market shares, and growth opportunities of Solid-state Hydrogen Storage Equipment market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Mobile Cart Type

Fixed Type

Segmentation by Capacity:

10-100Nm³

100-500Nm³

500-1000Nm³

Others

Segmentation by Hydrogen Storage Materials:

Metal Hydrides

Others

Segmentation by Application:

Transportation Sector

Energy Storage and Power Sector

Industrial Production Sector

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Lavo

Hydrexia

GKN Hydrogen

H-brick

McPhy

Grimat

GRZ Technologies

Hystorsys

Whole Win (Beijing) Advanced Materials

Methydor SRL

Key Questions Addressed in this Report

What is the 10-year outlook for the global Solid-state Hydrogen Storage Equipment market?

What factors are driving Solid-state Hydrogen Storage Equipment market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Solid-state Hydrogen Storage Equipment market opportunities vary by end market size?

How does Solid-state Hydrogen Storage Equipment break out by Type, by

Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Solid-state Hydrogen Storage Equipment Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Solid-state Hydrogen Storage Equipment by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Solid-state Hydrogen Storage Equipment by Country/Region, 2021, 2025 & 2032

2.2 Solid-state Hydrogen Storage Equipment Segment by Type

- 2.2.1 Mobile Cart Type
- 2.2.2 Fixed Type
- 2.2.3 Solid-state Hydrogen Storage Equipment Sales by Type
 - 2.2.3.1 Global Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Solid-state Hydrogen Storage Equipment Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Solid-state Hydrogen Storage Equipment Sale Price by Type (2021-2026)

2.3 Solid-state Hydrogen Storage Equipment Segment by Capacity

- 2.3.1 10-100Nm³
- 2.3.2 100-500Nm³
- 2.3.3 500-1000Nm³
- 2.3.4 Others
- 2.3.5 Solid-state Hydrogen Storage Equipment Sales by Capacity
 - 2.3.5.1 Global Solid-state Hydrogen Storage Equipment Sales Market Share by Capacity (2021-2026)

2.3.5.2 Global Solid-state Hydrogen Storage Equipment Revenue and Market Share by Capacity (2021-2026)

2.3.5.3 Global Solid-state Hydrogen Storage Equipment Sale Price by Capacity (2021-2026)

2.4 Solid-state Hydrogen Storage Equipment Segment by Hydrogen Storage Materials

2.4.1 Metal Hydrides

2.4.2 Others

2.4.3 Solid-state Hydrogen Storage Equipment Sales by Hydrogen Storage Materials

2.4.3.1 Global Solid-state Hydrogen Storage Equipment Sales Market Share by Hydrogen Storage Materials (2021-2026)

2.4.3.2 Global Solid-state Hydrogen Storage Equipment Revenue and Market Share by Hydrogen Storage Materials (2021-2026)

2.4.3.3 Global Solid-state Hydrogen Storage Equipment Sale Price by Hydrogen Storage Materials (2021-2026)

2.5 Solid-state Hydrogen Storage Equipment Segment by Application

2.5.1 Transportation Sector

2.5.2 Energy Storage and Power Sector

2.5.3 Industrial Production Sector

2.5.4 Other

2.5.5 Solid-state Hydrogen Storage Equipment Sales by Application

2.5.5.1 Global Solid-state Hydrogen Storage Equipment Sale Market Share by Application (2021-2026)

2.5.5.2 Global Solid-state Hydrogen Storage Equipment Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Solid-state Hydrogen Storage Equipment Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Solid-state Hydrogen Storage Equipment Breakdown Data by Company

3.1.1 Global Solid-state Hydrogen Storage Equipment Annual Sales by Company (2021-2026)

3.1.2 Global Solid-state Hydrogen Storage Equipment Sales Market Share by Company (2021-2026)

3.2 Global Solid-state Hydrogen Storage Equipment Annual Revenue by Company (2021-2026)

3.2.1 Global Solid-state Hydrogen Storage Equipment Revenue by Company (2021-2026)

3.2.2 Global Solid-state Hydrogen Storage Equipment Revenue Market Share by

Company (2021-2026)

3.3 Global Solid-state Hydrogen Storage Equipment Sale Price by Company

3.4 Key Manufacturers Solid-state Hydrogen Storage Equipment Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Solid-state Hydrogen Storage Equipment Product Location Distribution

3.4.2 Players Solid-state Hydrogen Storage Equipment Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SOLID-STATE HYDROGEN STORAGE EQUIPMENT BY GEOGRAPHIC REGION

4.1 World Historic Solid-state Hydrogen Storage Equipment Market Size by Geographic Region (2021-2026)

4.1.1 Global Solid-state Hydrogen Storage Equipment Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Solid-state Hydrogen Storage Equipment Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Solid-state Hydrogen Storage Equipment Market Size by Country/Region (2021-2026)

4.2.1 Global Solid-state Hydrogen Storage Equipment Annual Sales by Country/Region (2021-2026)

4.2.2 Global Solid-state Hydrogen Storage Equipment Annual Revenue by Country/Region (2021-2026)

4.3 Americas Solid-state Hydrogen Storage Equipment Sales Growth

4.4 APAC Solid-state Hydrogen Storage Equipment Sales Growth

4.5 Europe Solid-state Hydrogen Storage Equipment Sales Growth

4.6 Middle East & Africa Solid-state Hydrogen Storage Equipment Sales Growth

5 AMERICAS

5.1 Americas Solid-state Hydrogen Storage Equipment Sales by Country

5.1.1 Americas Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026)

5.1.2 Americas Solid-state Hydrogen Storage Equipment Revenue by Country

(2021-2026)

5.2 Americas Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026)

5.3 Americas Solid-state Hydrogen Storage Equipment Sales by Application

(2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Solid-state Hydrogen Storage Equipment Sales by Region

6.1.1 APAC Solid-state Hydrogen Storage Equipment Sales by Region (2021-2026)

6.1.2 APAC Solid-state Hydrogen Storage Equipment Revenue by Region

(2021-2026)

6.2 APAC Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026)

6.3 APAC Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Solid-state Hydrogen Storage Equipment by Country

7.1.1 Europe Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026)

7.1.2 Europe Solid-state Hydrogen Storage Equipment Revenue by Country

(2021-2026)

7.2 Europe Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026)

7.3 Europe Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Solid-state Hydrogen Storage Equipment by Country

8.1.1 Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026)

8.1.2 Middle East & Africa Solid-state Hydrogen Storage Equipment Revenue by Country (2021-2026)

8.2 Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026)

8.3 Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Solid-state Hydrogen Storage Equipment

10.3 Manufacturing Process Analysis of Solid-state Hydrogen Storage Equipment

10.4 Industry Chain Structure of Solid-state Hydrogen Storage Equipment

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Solid-state Hydrogen Storage Equipment Distributors

11.3 Solid-state Hydrogen Storage Equipment Customer

12 WORLD FORECAST REVIEW FOR SOLID-STATE HYDROGEN STORAGE

EQUIPMENT BY GEOGRAPHIC REGION

12.1 Global Solid-state Hydrogen Storage Equipment Market Size Forecast by Region

12.1.1 Global Solid-state Hydrogen Storage Equipment Forecast by Region (2027-2032)

12.1.2 Global Solid-state Hydrogen Storage Equipment Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Solid-state Hydrogen Storage Equipment Forecast by Type (2027-2032)

12.7 Global Solid-state Hydrogen Storage Equipment Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Lavo

13.1.1 Lavo Company Information

13.1.2 Lavo Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

13.1.3 Lavo Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Lavo Main Business Overview

13.1.5 Lavo Latest Developments

13.2 Hydrexia

13.2.1 Hydrexia Company Information

13.2.2 Hydrexia Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

13.2.3 Hydrexia Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Hydrexia Main Business Overview

13.2.5 Hydrexia Latest Developments

13.3 GKN Hydrogen

13.3.1 GKN Hydrogen Company Information

13.3.2 GKN Hydrogen Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

13.3.3 GKN Hydrogen Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.3.4 GKN Hydrogen Main Business Overview
- 13.3.5 GKN Hydrogen Latest Developments
- 13.4 H-brick
 - 13.4.1 H-brick Company Information
 - 13.4.2 H-brick Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications
 - 13.4.3 H-brick Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 H-brick Main Business Overview
 - 13.4.5 H-brick Latest Developments
- 13.5 McPhy
 - 13.5.1 McPhy Company Information
 - 13.5.2 McPhy Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications
 - 13.5.3 McPhy Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 McPhy Main Business Overview
 - 13.5.5 McPhy Latest Developments
- 13.6 Grimat
 - 13.6.1 Grimat Company Information
 - 13.6.2 Grimat Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications
 - 13.6.3 Grimat Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Grimat Main Business Overview
 - 13.6.5 Grimat Latest Developments
- 13.7 GRZ Technologies
 - 13.7.1 GRZ Technologies Company Information
 - 13.7.2 GRZ Technologies Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications
 - 13.7.3 GRZ Technologies Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 GRZ Technologies Main Business Overview
 - 13.7.5 GRZ Technologies Latest Developments
- 13.8 Hystorsys
 - 13.8.1 Hystorsys Company Information
 - 13.8.2 Hystorsys Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications
 - 13.8.3 Hystorsys Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and

Gross Margin (2021-2026)

13.8.4 Hystorsys Main Business Overview

13.8.5 Hystorsys Latest Developments

13.9 Whole Win (Beijing) Advanced Materials

13.9.1 Whole Win (Beijing) Advanced Materials Company Information

13.9.2 Whole Win (Beijing) Advanced Materials Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

13.9.3 Whole Win (Beijing) Advanced Materials Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Whole Win (Beijing) Advanced Materials Main Business Overview

13.9.5 Whole Win (Beijing) Advanced Materials Latest Developments

13.10 Methydor SRL

13.10.1 Methydor SRL Company Information

13.10.2 Methydor SRL Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

13.10.3 Methydor SRL Solid-state Hydrogen Storage Equipment Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Methydor SRL Main Business Overview

13.10.5 Methydor SRL Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Solid-state Hydrogen Storage Equipment Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Solid-state Hydrogen Storage Equipment Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Mobile Cart Type

Table 4. Major Players of Fixed Type

Table 5. Global Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026) & (kgH?)

Table 6. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)

Table 7. Global Solid-state Hydrogen Storage Equipment Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Type (2021-2026)

Table 9. Global Solid-state Hydrogen Storage Equipment Sale Price by Type (2021-2026) & (USD/ kgH?)

Table 10. Major Players of 10-100Nm³

Table 11. Major Players of 100-500Nm³

Table 12. Major Players of 500-1000Nm³

Table 13. Major Players of Others

Table 14. Global Solid-state Hydrogen Storage Equipment Sales by Capacity (2021-2026) & (kgH?)

Table 15. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Capacity (2021-2026)

Table 16. Global Solid-state Hydrogen Storage Equipment Revenue by Capacity (2021-2026) & (\$ million)

Table 17. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Capacity (2021-2026)

Table 18. Global Solid-state Hydrogen Storage Equipment Sale Price by Capacity (2021-2026) & (USD/ kgH?)

Table 19. Major Players of Metal Hydrides

Table 20. Major Players of Others

Table 21. Global Solid-state Hydrogen Storage Equipment Sales by Hydrogen Storage Materials (2021-2026) & (kgH?)

Table 22. Global Solid-state Hydrogen Storage Equipment Sales Market Share by

Hydrogen Storage Materials (2021-2026)

Table 23. Global Solid-state Hydrogen Storage Equipment Revenue by Hydrogen Storage Materials (2021-2026) & (\$ million)

Table 24. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Hydrogen Storage Materials (2021-2026)

Table 25. Global Solid-state Hydrogen Storage Equipment Sale Price by Hydrogen Storage Materials (2021-2026) & (USD/ kgH?)

Table 26. Global Solid-state Hydrogen Storage Equipment Sale by Application (2021-2026) & (kgH?)

Table 27. Global Solid-state Hydrogen Storage Equipment Sale Market Share by Application (2021-2026)

Table 28. Global Solid-state Hydrogen Storage Equipment Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Application (2021-2026)

Table 30. Global Solid-state Hydrogen Storage Equipment Sale Price by Application (2021-2026) & (USD/ kgH?)

Table 31. Global Solid-state Hydrogen Storage Equipment Sales by Company (2021-2026) & (kgH?)

Table 32. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Company (2021-2026)

Table 33. Global Solid-state Hydrogen Storage Equipment Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Company (2021-2026)

Table 35. Global Solid-state Hydrogen Storage Equipment Sale Price by Company (2021-2026) & (USD/ kgH?)

Table 36. Key Manufacturers Solid-state Hydrogen Storage Equipment Producing Area Distribution and Sales Area

Table 37. Players Solid-state Hydrogen Storage Equipment Products Offered

Table 38. Solid-state Hydrogen Storage Equipment Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Solid-state Hydrogen Storage Equipment Sales by Geographic Region (2021-2026) & (kgH?)

Table 42. Global Solid-state Hydrogen Storage Equipment Sales Market Share Geographic Region (2021-2026)

Table 43. Global Solid-state Hydrogen Storage Equipment Revenue by Geographic

Region (2021-2026) & (\$ millions)

Table 44. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Solid-state Hydrogen Storage Equipment Sales by Country/Region (2021-2026) & (kgH?)

Table 46. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Country/Region (2021-2026)

Table 47. Global Solid-state Hydrogen Storage Equipment Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026) & (kgH?)

Table 50. Americas Solid-state Hydrogen Storage Equipment Sales Market Share by Country (2021-2026)

Table 51. Americas Solid-state Hydrogen Storage Equipment Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026) & (kgH?)

Table 53. Americas Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026) & (kgH?)

Table 54. APAC Solid-state Hydrogen Storage Equipment Sales by Region (2021-2026) & (kgH?)

Table 55. APAC Solid-state Hydrogen Storage Equipment Sales Market Share by Region (2021-2026)

Table 56. APAC Solid-state Hydrogen Storage Equipment Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026) & (kgH?)

Table 58. APAC Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026) & (kgH?)

Table 59. Europe Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026) & (kgH?)

Table 60. Europe Solid-state Hydrogen Storage Equipment Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026) & (kgH?)

Table 62. Europe Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026) & (kgH?)

Table 63. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Country (2021-2026) & (kgH?)

Table 64. Middle East & Africa Solid-state Hydrogen Storage Equipment Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Type (2021-2026) & (kgH?)

Table 66. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales by Application (2021-2026) & (kgH?)

Table 67. Key Market Drivers & Growth Opportunities of Solid-state Hydrogen Storage Equipment

Table 68. Key Market Challenges & Risks of Solid-state Hydrogen Storage Equipment

Table 69. Key Industry Trends of Solid-state Hydrogen Storage Equipment

Table 70. Solid-state Hydrogen Storage Equipment Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. Solid-state Hydrogen Storage Equipment Distributors List

Table 73. Solid-state Hydrogen Storage Equipment Customer List

Table 74. Global Solid-state Hydrogen Storage Equipment Sales Forecast by Region (2027-2032) & (kgH?)

Table 75. Global Solid-state Hydrogen Storage Equipment Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas Solid-state Hydrogen Storage Equipment Sales Forecast by Country (2027-2032) & (kgH?)

Table 77. Americas Solid-state Hydrogen Storage Equipment Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC Solid-state Hydrogen Storage Equipment Sales Forecast by Region (2027-2032) & (kgH?)

Table 79. APAC Solid-state Hydrogen Storage Equipment Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe Solid-state Hydrogen Storage Equipment Sales Forecast by Country (2027-2032) & (kgH?)

Table 81. Europe Solid-state Hydrogen Storage Equipment Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales Forecast by Country (2027-2032) & (kgH?)

Table 83. Middle East & Africa Solid-state Hydrogen Storage Equipment Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global Solid-state Hydrogen Storage Equipment Sales Forecast by Type (2027-2032) & (kgH?)

Table 85. Global Solid-state Hydrogen Storage Equipment Revenue Forecast by Type

(2027-2032) & (\$ millions)

Table 86. Global Solid-state Hydrogen Storage Equipment Sales Forecast by Application (2027-2032) & (kgH?)

Table 87. Global Solid-state Hydrogen Storage Equipment Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. Lavo Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 89. Lavo Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 90. Lavo Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 91. Lavo Main Business

Table 92. Lavo Latest Developments

Table 93. Hydrexia Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 94. Hydrexia Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 95. Hydrexia Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 96. Hydrexia Main Business

Table 97. Hydrexia Latest Developments

Table 98. GKN Hydrogen Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 99. GKN Hydrogen Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 100. GKN Hydrogen Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 101. GKN Hydrogen Main Business

Table 102. GKN Hydrogen Latest Developments

Table 103. H-brick Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 104. H-brick Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 105. H-brick Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 106. H-brick Main Business

Table 107. H-brick Latest Developments

Table 108. McPhy Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 109. McPhy Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 110. McPhy Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 111. McPhy Main Business

Table 112. McPhy Latest Developments

Table 113. Grimat Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 114. Grimat Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 115. Grimat Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 116. Grimat Main Business

Table 117. Grimat Latest Developments

Table 118. GRZ Technologies Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 119. GRZ Technologies Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 120. GRZ Technologies Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 121. GRZ Technologies Main Business

Table 122. GRZ Technologies Latest Developments

Table 123. Hystorsys Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 124. Hystorsys Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 125. Hystorsys Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 126. Hystorsys Main Business

Table 127. Hystorsys Latest Developments

Table 128. Whole Win (Beijing) Advanced Materials Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 129. Whole Win (Beijing) Advanced Materials Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 130. Whole Win (Beijing) Advanced Materials Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 131. Whole Win (Beijing) Advanced Materials Main Business

Table 132. Whole Win (Beijing) Advanced Materials Latest Developments

Table 133. Methydor SRL Basic Information, Solid-state Hydrogen Storage Equipment Manufacturing Base, Sales Area and Its Competitors

Table 134. Methydor SRL Solid-state Hydrogen Storage Equipment Product Portfolios and Specifications

Table 135. Methydor SRL Solid-state Hydrogen Storage Equipment Sales (kgH?), Revenue (\$ Million), Price (USD/ kgH?) and Gross Margin (2021-2026)

Table 136. Methydor SRL Main Business

Table 137. Methydor SRL Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Solid-state Hydrogen Storage Equipment

Figure 2. Solid-state Hydrogen Storage Equipment Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Solid-state Hydrogen Storage Equipment Sales Growth Rate 2021-2032 (kgH?)

Figure 7. Global Solid-state Hydrogen Storage Equipment Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Solid-state Hydrogen Storage Equipment Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Solid-state Hydrogen Storage Equipment Sales Market Share by Country/Region (2025)

Figure 10. Solid-state Hydrogen Storage Equipment Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Mobile Cart Type

Figure 12. Product Picture of Fixed Type

Figure 13. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Type in 2026

Figure 14. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Type (2021-2026)

Figure 15. Product Picture of 10-100Nm³

Figure 16. Product Picture of 100-500Nm³

Figure 17. Product Picture of 500-1000Nm³

Figure 18. Product Picture of Others

Figure 19. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Capacity in 2026

Figure 20. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Capacity (2021-2026)

Figure 21. Product Picture of Metal Hydrides

Figure 22. Product Picture of Others

Figure 23. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Hydrogen Storage Materials in 2026

Figure 24. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Hydrogen Storage Materials (2021-2026)

Figure 25. Solid-state Hydrogen Storage Equipment Consumed in Transportation Sector

Figure 26. Global Solid-state Hydrogen Storage Equipment Market: Transportation Sector (2021-2026) & (kgH?)

Figure 27. Solid-state Hydrogen Storage Equipment Consumed in Energy Storage and Power Sector

Figure 28. Global Solid-state Hydrogen Storage Equipment Market: Energy Storage and Power Sector (2021-2026) & (kgH?)

Figure 29. Solid-state Hydrogen Storage Equipment Consumed in Industrial Production Sector

Figure 30. Global Solid-state Hydrogen Storage Equipment Market: Industrial Production Sector (2021-2026) & (kgH?)

Figure 31. Solid-state Hydrogen Storage Equipment Consumed in Other

Figure 32. Global Solid-state Hydrogen Storage Equipment Market: Other (2021-2026) & (kgH?)

Figure 33. Global Solid-state Hydrogen Storage Equipment Sale Market Share by Application (2025)

Figure 34. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Application in 2026

Figure 35. Solid-state Hydrogen Storage Equipment Sales by Company in 2026 (kgH?)

Figure 36. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Company in 2026

Figure 37. Solid-state Hydrogen Storage Equipment Revenue by Company in 2026 (\$ millions)

Figure 38. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Company in 2026

Figure 39. Global Solid-state Hydrogen Storage Equipment Sales Market Share by Geographic Region (2021-2026)

Figure 40. Global Solid-state Hydrogen Storage Equipment Revenue Market Share by Geographic Region in 2026

Figure 41. Americas Solid-state Hydrogen Storage Equipment Sales 2021-2026 (kgH?)

Figure 42. Americas Solid-state Hydrogen Storage Equipment Revenue 2021-2026 (\$ millions)

Figure 43. APAC Solid-state Hydrogen Storage Equipment Sales 2021-2026 (kgH?)

Figure 44. APAC Solid-state Hydrogen Storage Equipment Revenue 2021-2026 (\$ millions)

Figure 45. Europe Solid-state Hydrogen Storage Equipment Sales 2021-2026 (kgH?)

Figure 46. Europe Solid-state Hydrogen Storage Equipment Revenue 2021-2026 (\$ millions)

Figure 47. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales 2021-2026 (kgH?)

Figure 48. Middle East & Africa Solid-state Hydrogen Storage Equipment Revenue 2021-2026 (\$ millions)

Figure 49. Americas Solid-state Hydrogen Storage Equipment Sales Market Share by Country in 2026

Figure 50. Americas Solid-state Hydrogen Storage Equipment Revenue Market Share by Country (2021-2026)

Figure 51. Americas Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)

Figure 52. Americas Solid-state Hydrogen Storage Equipment Sales Market Share by Application (2021-2026)

Figure 53. United States Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 54. Canada Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 55. Mexico Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 56. Brazil Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 57. APAC Solid-state Hydrogen Storage Equipment Sales Market Share by Region in 2026

Figure 58. APAC Solid-state Hydrogen Storage Equipment Revenue Market Share by Region (2021-2026)

Figure 59. APAC Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)

Figure 60. APAC Solid-state Hydrogen Storage Equipment Sales Market Share by Application (2021-2026)

Figure 61. China Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 62. Japan Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 63. South Korea Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 64. Southeast Asia Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 65. India Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 66. Australia Solid-state Hydrogen Storage Equipment Revenue Growth

2021-2026 (\$ millions)

Figure 67. China Taiwan Solid-state Hydrogen Storage Equipment Revenue Growth

2021-2026 (\$ millions)

Figure 68. Europe Solid-state Hydrogen Storage Equipment Sales Market Share by Country in 2026

Figure 69. Europe Solid-state Hydrogen Storage Equipment Revenue Market Share by Country (2021-2026)

Figure 70. Europe Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)

Figure 71. Europe Solid-state Hydrogen Storage Equipment Sales Market Share by Application (2021-2026)

Figure 72. Germany Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 73. France Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 74. UK Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 75. Italy Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 76. Russia Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 77. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales Market Share by Country (2021-2026)

Figure 78. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales Market Share by Type (2021-2026)

Figure 79. Middle East & Africa Solid-state Hydrogen Storage Equipment Sales Market Share by Application (2021-2026)

Figure 80. Egypt Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 81. South Africa Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 82. Israel Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 83. Turkey Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 84. GCC Countries Solid-state Hydrogen Storage Equipment Revenue Growth 2021-2026 (\$ millions)

Figure 85. Manufacturing Cost Structure Analysis of Solid-state Hydrogen Storage Equipment in 2026

Figure 86. Manufacturing Process Analysis of Solid-state Hydrogen Storage Equipment

Figure 87. Industry Chain Structure of Solid-state Hydrogen Storage Equipment

Figure 88. Channels of Distribution

Figure 89. Global Solid-state Hydrogen Storage Equipment Sales Market Forecast by Region (2027-2032)

Figure 90. Global Solid-state Hydrogen Storage Equipment Revenue Market Share Forecast by Region (2027-2032)

Figure 91. Global Solid-state Hydrogen Storage Equipment Sales Market Share Forecast by Type (2027-2032)

Figure 92. Global Solid-state Hydrogen Storage Equipment Revenue Market Share Forecast by Type (2027-2032)

Figure 93. Global Solid-state Hydrogen Storage Equipment Sales Market Share Forecast by Application (2027-2032)

Figure 94. Global Solid-state Hydrogen Storage Equipment Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Solid-state Hydrogen Storage Equipment Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GCBCD85F88FAEN.html>

Price: US\$ 3,660.00 (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/GCBCD85F88FAEN.html>