

# Global Rare Earth Materials For Hydrogen Storage Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GF21A1A0C79EEN.html>

Date: January 2026

Pages: 129

Price: US\$ 4,480.00 (Single User License)

ID: GF21A1A0C79EEN

## Abstracts

The global Rare Earth Materials For Hydrogen Storage market size is expected to reach \$ 513 million by 2032, rising at a market growth of 4.0% CAGR during the forecast period (2026-2032).

Rare Earth Materials For Hydrogen Storage are a special class of materials that contain rare earth elements and have the ability to adsorb and store hydrogen. These materials are commonly used in the hydrogen energy sector for storing and releasing hydrogen to supply applications such as hydrogen fuel cells. Rare Earth Materials For Hydrogen Storage typically store hydrogen through a physical or chemical process of adsorption and release of hydrogen.

The development of rare earth materials for hydrogen storage has been an important area of research and development in recent years due to the growing interest in hydrogen as a clean and sustainable energy carrier. Metal hydrides containing rare earth elements have been the focus of research. Rare earth metal hydrides are capable of storing large amounts of hydrogen by weight. This high hydrogen storage capacity is essential for practical hydrogen storage systems, such as those used in hydrogen-powered vehicles or portable fuel cells. In summary, rare-earth materials, and in particular rare-earth metal hydrides, play a crucial role in advancing hydrogen storage technology. Their high hydrogen storage capacity, reversibility, tunable properties, safety and thermal stability make them promising candidates for a wide range of hydrogen-related applications, contributing to the development of clean and sustainable energy solutions.

This report studies the global Rare Earth Materials For Hydrogen Storage production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Rare Earth Materials For Hydrogen Storage and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand

trends and competition, as well as details the characteristics of Rare Earth Materials For Hydrogen Storage that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Rare Earth Materials For Hydrogen Storage total production and demand, 2021-2032, (Tons)

Global Rare Earth Materials For Hydrogen Storage total production value, 2021-2032, (USD Million)

Global Rare Earth Materials For Hydrogen Storage production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Rare Earth Materials For Hydrogen Storage consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Rare Earth Materials For Hydrogen Storage domestic production, consumption, key domestic manufacturers and share

Global Rare Earth Materials For Hydrogen Storage production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Rare Earth Materials For Hydrogen Storage production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Rare Earth Materials For Hydrogen Storage production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Rare Earth Materials For Hydrogen Storage 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 Santoku, American Elements, Nippon Denko, Mitsui-Kinzoku, Japan Metals & Chemicals, XTC New Energy, Jiangxi Tungsten Holding, China Northern Rare Earth, Baotou FDK, Shenjiang Technology, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Rare Earth Materials For Hydrogen Storage market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Rare Earth Materials For Hydrogen Storage Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Rare Earth Materials For Hydrogen Storage Market, Segmentation by Type:

AB5 Type

AB2 Type

AB Type

A2B Type

Others

#### Global Rare Earth Materials For Hydrogen Storage Market, Segmentation by Product Form:

Powder

Block

#### Global Rare Earth Materials For Hydrogen Storage Market, Segmentation by Marketing

**Method:**

Direct Sales

Distribution

**Global Rare Earth Materials For Hydrogen Storage Market, Segmentation by Application:**

Battery

Energy Storage

**Companies Profiled:**

Santoku

American Elements

Nippon Denko

Mitsui-Kinzoku

Japan Metals & Chemicals

XTC New Energy

Jiangxi Tungsten Holding

China Northern Rare Earth

Baotou FDK

Shenjiang Technology

Whole Win

AE&M JITRI

Zhongke Xuanda New Energy

**Key Questions Answered:**

1. How big is the global Rare Earth Materials For Hydrogen Storage market?
2. What is the demand of the global Rare Earth Materials For Hydrogen Storage market?
3. What is the year over year growth of the global Rare Earth Materials For Hydrogen Storage market?
4. What is the production and production value of the global Rare Earth Materials For Hydrogen Storage market?
5. Who are the key producers in the global Rare Earth Materials For Hydrogen Storage market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Rare Earth Materials For Hydrogen Storage Introduction
- 1.2 World Rare Earth Materials For Hydrogen Storage Supply & Forecast
  - 1.2.1 World Rare Earth Materials For Hydrogen Storage Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Rare Earth Materials For Hydrogen Storage Production (2021-2032)
  - 1.2.3 World Rare Earth Materials For Hydrogen Storage Pricing Trends (2021-2032)
- 1.3 World Rare Earth Materials For Hydrogen Storage Production by Region (Based on Production Site)
  - 1.3.1 World Rare Earth Materials For Hydrogen Storage Production Value by Region (2021-2032)
  - 1.3.2 World Rare Earth Materials For Hydrogen Storage Production by Region (2021-2032)
  - 1.3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Region (2021-2032)
  - 1.3.4 North America Rare Earth Materials For Hydrogen Storage Production (2021-2032)
  - 1.3.5 Europe Rare Earth Materials For Hydrogen Storage Production (2021-2032)
  - 1.3.6 China Rare Earth Materials For Hydrogen Storage Production (2021-2032)
  - 1.3.7 Japan Rare Earth Materials For Hydrogen Storage Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Rare Earth Materials For Hydrogen Storage Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Rare Earth Materials For Hydrogen Storage Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Rare Earth Materials For Hydrogen Storage Demand (2021-2032)
- 2.2 World Rare Earth Materials For Hydrogen Storage Consumption by Region
  - 2.2.1 World Rare Earth Materials For Hydrogen Storage Consumption by Region (2021-2026)
  - 2.2.2 World Rare Earth Materials For Hydrogen Storage Consumption Forecast by Region (2027-2032)
- 2.3 United States Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)
- 2.4 China Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)

- 2.5 Europe Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)
- 2.6 Japan Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)
- 2.7 South Korea Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)
- 2.8 ASEAN Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)
- 2.9 India Rare Earth Materials For Hydrogen Storage Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Rare Earth Materials For Hydrogen Storage Production Value by Manufacturer (2021-2026)
- 3.2 World Rare Earth Materials For Hydrogen Storage Production by Manufacturer (2021-2026)
- 3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Manufacturer (2021-2026)
- 3.4 Rare Earth Materials For Hydrogen Storage Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Rare Earth Materials For Hydrogen Storage Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Rare Earth Materials For Hydrogen Storage in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Rare Earth Materials For Hydrogen Storage in 2025
- 3.6 Rare Earth Materials For Hydrogen Storage Market: Overall Company Footprint Analysis
  - 3.6.1 Rare Earth Materials For Hydrogen Storage Market: Region Footprint
  - 3.6.2 Rare Earth Materials For Hydrogen Storage Market: Company Product Type Footprint
  - 3.6.3 Rare Earth Materials For Hydrogen Storage 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: Rare Earth Materials For Hydrogen Storage Production

## Value Comparison

4.1.1 United States VS China: Rare Earth Materials For Hydrogen Storage Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Rare Earth Materials For Hydrogen Storage Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Rare Earth Materials For Hydrogen Storage Production Comparison

4.2.1 United States VS China: Rare Earth Materials For Hydrogen Storage Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Rare Earth Materials For Hydrogen Storage Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Rare Earth Materials For Hydrogen Storage Consumption Comparison

4.3.1 United States VS China: Rare Earth Materials For Hydrogen Storage Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Rare Earth Materials For Hydrogen Storage Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Rare Earth Materials For Hydrogen Storage Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value (2021-2026)

4.4.3 United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production (2021-2026)

4.5 China Based Rare Earth Materials For Hydrogen Storage Manufacturers and Market Share

4.5.1 China Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value (2021-2026)

4.5.3 China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production (2021-2026)

4.6 Rest of World Based Rare Earth Materials For Hydrogen Storage Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Rare Earth Materials For Hydrogen Storage Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 AB5 Type

5.2.2 AB2 Type

5.2.3 AB Type

5.2.4 A2B Type

5.2.5 Others

5.3 Market Segment by Type

5.3.1 World Rare Earth Materials For Hydrogen Storage Production by Type (2021-2032)

5.3.2 World Rare Earth Materials For Hydrogen Storage Production Value by Type (2021-2032)

5.3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY PRODUCT FORM**

6.1 World Rare Earth Materials For Hydrogen Storage Market Size Overview by Product Form: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Product Form

6.2.1 Powder

6.2.2 Block

6.3 Market Segment by Product Form

6.3.1 World Rare Earth Materials For Hydrogen Storage Production by Product Form (2021-2032)

6.3.2 World Rare Earth Materials For Hydrogen Storage Production Value by Product Form (2021-2032)

6.3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Product Form (2021-2032)

## **7 MARKET ANALYSIS BY MARKETING METHOD**

7.1 World Rare Earth Materials For Hydrogen Storage Market Size Overview by

Marketing Method: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Marketing Method

7.2.1 Direct Sales

7.2.2 Distribution

7.3 Market Segment by Marketing Method

7.3.1 World Rare Earth Materials For Hydrogen Storage Production by Marketing Method (2021-2032)

7.3.2 World Rare Earth Materials For Hydrogen Storage Production Value by Marketing Method (2021-2032)

7.3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Marketing Method (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Rare Earth Materials For Hydrogen Storage Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Battery

8.2.2 Energy Storage

8.3 Market Segment by Application

8.3.1 World Rare Earth Materials For Hydrogen Storage Production by Application (2021-2032)

8.3.2 World Rare Earth Materials For Hydrogen Storage Production Value by Application (2021-2032)

8.3.3 World Rare Earth Materials For Hydrogen Storage Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Santoku

9.1.1 Santoku Details

9.1.2 Santoku Major Business

9.1.3 Santoku Rare Earth Materials For Hydrogen Storage Product and Services

9.1.4 Santoku Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Santoku Recent Developments/Updates

9.1.6 Santoku Competitive Strengths & Weaknesses

9.2 American Elements

9.2.1 American Elements Details

- 9.2.2 American Elements Major Business
- 9.2.3 American Elements Rare Earth Materials For Hydrogen Storage Product and Services
- 9.2.4 American Elements Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 American Elements Recent Developments/Updates
- 9.2.6 American Elements Competitive Strengths & Weaknesses
- 9.3 Nippon Denko
  - 9.3.1 Nippon Denko Details
  - 9.3.2 Nippon Denko Major Business
  - 9.3.3 Nippon Denko Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.3.4 Nippon Denko Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.3.5 Nippon Denko Recent Developments/Updates
  - 9.3.6 Nippon Denko Competitive Strengths & Weaknesses
- 9.4 Mitsui-Kinzoku
  - 9.4.1 Mitsui-Kinzoku Details
  - 9.4.2 Mitsui-Kinzoku Major Business
  - 9.4.3 Mitsui-Kinzoku Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.4.4 Mitsui-Kinzoku Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Mitsui-Kinzoku Recent Developments/Updates
  - 9.4.6 Mitsui-Kinzoku Competitive Strengths & Weaknesses
- 9.5 Japan Metals & Chemicals
  - 9.5.1 Japan Metals & Chemicals Details
  - 9.5.2 Japan Metals & Chemicals Major Business
  - 9.5.3 Japan Metals & Chemicals Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.5.4 Japan Metals & Chemicals Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 Japan Metals & Chemicals Recent Developments/Updates
  - 9.5.6 Japan Metals & Chemicals Competitive Strengths & Weaknesses
- 9.6 XTC New Energy
  - 9.6.1 XTC New Energy Details
  - 9.6.2 XTC New Energy Major Business
  - 9.6.3 XTC New Energy Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.6.4 XTC New Energy Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.6.5 XTC New Energy Recent Developments/Updates
- 9.6.6 XTC New Energy Competitive Strengths & Weaknesses
- 9.7 Jiangxi Tungsten Holding
  - 9.7.1 Jiangxi Tungsten Holding Details
  - 9.7.2 Jiangxi Tungsten Holding Major Business
  - 9.7.3 Jiangxi Tungsten Holding Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.7.4 Jiangxi Tungsten Holding Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Jiangxi Tungsten Holding Recent Developments/Updates
  - 9.7.6 Jiangxi Tungsten Holding Competitive Strengths & Weaknesses
- 9.8 China Northern Rare Earth
  - 9.8.1 China Northern Rare Earth Details
  - 9.8.2 China Northern Rare Earth Major Business
  - 9.8.3 China Northern Rare Earth Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.8.4 China Northern Rare Earth Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 China Northern Rare Earth Recent Developments/Updates
  - 9.8.6 China Northern Rare Earth Competitive Strengths & Weaknesses
- 9.9 Baotou FDK
  - 9.9.1 Baotou FDK Details
  - 9.9.2 Baotou FDK Major Business
  - 9.9.3 Baotou FDK Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.9.4 Baotou FDK Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.9.5 Baotou FDK Recent Developments/Updates
  - 9.9.6 Baotou FDK Competitive Strengths & Weaknesses
- 9.10 Shenjiang Technology
  - 9.10.1 Shenjiang Technology Details
  - 9.10.2 Shenjiang Technology Major Business
  - 9.10.3 Shenjiang Technology Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.10.4 Shenjiang Technology Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 Shenjiang Technology Recent Developments/Updates
  - 9.10.6 Shenjiang Technology Competitive Strengths & Weaknesses
- 9.11 Whole Win
  - 9.11.1 Whole Win Details

- 9.11.2 Whole Win Major Business
- 9.11.3 Whole Win Rare Earth Materials For Hydrogen Storage Product and Services
- 9.11.4 Whole Win Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 Whole Win Recent Developments/Updates
- 9.11.6 Whole Win Competitive Strengths & Weaknesses
- 9.12 AE&M JITRI
  - 9.12.1 AE&M JITRI Details
  - 9.12.2 AE&M JITRI Major Business
  - 9.12.3 AE&M JITRI Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.12.4 AE&M JITRI Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.12.5 AE&M JITRI Recent Developments/Updates
  - 9.12.6 AE&M JITRI Competitive Strengths & Weaknesses
- 9.13 Zhongke Xuanda New Energy
  - 9.13.1 Zhongke Xuanda New Energy Details
  - 9.13.2 Zhongke Xuanda New Energy Major Business
  - 9.13.3 Zhongke Xuanda New Energy Rare Earth Materials For Hydrogen Storage Product and Services
  - 9.13.4 Zhongke Xuanda New Energy Rare Earth Materials For Hydrogen Storage Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.13.5 Zhongke Xuanda New Energy Recent Developments/Updates
  - 9.13.6 Zhongke Xuanda New Energy Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Rare Earth Materials For Hydrogen Storage Industry Chain
- 10.2 Rare Earth Materials For Hydrogen Storage Upstream Analysis
  - 10.2.1 Rare Earth Materials For Hydrogen Storage Core Raw Materials
  - 10.2.2 Main Manufacturers of Rare Earth Materials For Hydrogen Storage Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Rare Earth Materials For Hydrogen Storage Production Mode
- 10.6 Rare Earth Materials For Hydrogen Storage Procurement Model
- 10.7 Rare Earth Materials For Hydrogen Storage Industry Sales Model and Sales Channels
  - 10.7.1 Rare Earth Materials For Hydrogen Storage Sales Model
  - 10.7.2 Rare Earth Materials For Hydrogen Storage Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Rare Earth Materials For Hydrogen Storage Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Rare Earth Materials For Hydrogen Storage Production Value by Region (2021-2026) & (USD Million)

Table 3. World Rare Earth Materials For Hydrogen Storage Production Value by Region (2027-2032) & (USD Million)

Table 4. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Region (2021-2026)

Table 5. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Region (2027-2032)

Table 6. World Rare Earth Materials For Hydrogen Storage Production by Region (2021-2026) & (Tons)

Table 7. World Rare Earth Materials For Hydrogen Storage Production by Region (2027-2032) & (Tons)

Table 8. World Rare Earth Materials For Hydrogen Storage Production Market Share by Region (2021-2026)

Table 9. World Rare Earth Materials For Hydrogen Storage Production Market Share by Region (2027-2032)

Table 10. World Rare Earth Materials For Hydrogen Storage Average Price by Region (2021-2026) & (US\$/Kg)

Table 11. World Rare Earth Materials For Hydrogen Storage Average Price by Region (2027-2032) & (US\$/Kg)

Table 12. Rare Earth Materials For Hydrogen Storage Major Market Trends

Table 13. World Rare Earth Materials For Hydrogen Storage Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Rare Earth Materials For Hydrogen Storage Consumption by Region (2021-2026) & (Tons)

Table 15. World Rare Earth Materials For Hydrogen Storage Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Rare Earth Materials For Hydrogen Storage Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Rare Earth Materials For Hydrogen Storage Producers in 2025

Table 18. World Rare Earth Materials For Hydrogen Storage Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Rare Earth Materials For Hydrogen Storage Producers in 2025

Table 20. World Rare Earth Materials For Hydrogen Storage Average Price by Manufacturer (2021-2026) & (US\$/Kg)

Table 21. Global Rare Earth Materials For Hydrogen Storage Company Evaluation Quadrant

Table 22. World Rare Earth Materials For Hydrogen Storage Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Rare Earth Materials For Hydrogen Storage Production Site of Key Manufacturer

Table 24. Rare Earth Materials For Hydrogen Storage Market: Company Product Type Footprint

Table 25. Rare Earth Materials For Hydrogen Storage Market: Company Product Application Footprint

Table 26. Rare Earth Materials For Hydrogen Storage Competitive Factors

Table 27. Rare Earth Materials For Hydrogen Storage New Entrant and Capacity Expansion Plans

Table 28. Rare Earth Materials For Hydrogen Storage Mergers & Acquisitions Activity

Table 29. United States VS China Rare Earth Materials For Hydrogen Storage Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Rare Earth Materials For Hydrogen Storage Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Rare Earth Materials For Hydrogen Storage Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share (2021-2026)

Table 37. China Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Rare Earth Materials For Hydrogen Storage

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share (2021-2026)

Table 42. Rest of World Based Rare Earth Materials For Hydrogen Storage Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share (2021-2026)

Table 47. World Rare Earth Materials For Hydrogen Storage Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Rare Earth Materials For Hydrogen Storage Production by Type (2021-2026) & (Tons)

Table 49. World Rare Earth Materials For Hydrogen Storage Production by Type (2027-2032) & (Tons)

Table 50. World Rare Earth Materials For Hydrogen Storage Production Value by Type (2021-2026) & (USD Million)

Table 51. World Rare Earth Materials For Hydrogen Storage Production Value by Type (2027-2032) & (USD Million)

Table 52. World Rare Earth Materials For Hydrogen Storage Average Price by Type (2021-2026) & (US\$/Kg)

Table 53. World Rare Earth Materials For Hydrogen Storage Average Price by Type (2027-2032) & (US\$/Kg)

Table 54. World Rare Earth Materials For Hydrogen Storage Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Table 55. World Rare Earth Materials For Hydrogen Storage Production by Product Form (2021-2026) & (Tons)

Table 56. World Rare Earth Materials For Hydrogen Storage Production by Product Form (2027-2032) & (Tons)

Table 57. World Rare Earth Materials For Hydrogen Storage Production Value by Product Form (2021-2026) & (USD Million)

Table 58. World Rare Earth Materials For Hydrogen Storage Production Value by Product Form (2027-2032) & (USD Million)

Table 59. World Rare Earth Materials For Hydrogen Storage Average Price by Product Form (2021-2026) & (US\$/Kg)

Table 60. World Rare Earth Materials For Hydrogen Storage Average Price by Product Form (2027-2032) & (US\$/Kg)

Table 61. World Rare Earth Materials For Hydrogen Storage Production Value by Marketing Method, (USD Million), 2021 & 2025 & 2032

Table 62. World Rare Earth Materials For Hydrogen Storage Production by Marketing Method (2021-2026) & (Tons)

Table 63. World Rare Earth Materials For Hydrogen Storage Production by Marketing Method (2027-2032) & (Tons)

Table 64. World Rare Earth Materials For Hydrogen Storage Production Value by Marketing Method (2021-2026) & (USD Million)

Table 65. World Rare Earth Materials For Hydrogen Storage Production Value by Marketing Method (2027-2032) & (USD Million)

Table 66. World Rare Earth Materials For Hydrogen Storage Average Price by Marketing Method (2021-2026) & (US\$/Kg)

Table 67. World Rare Earth Materials For Hydrogen Storage Average Price by Marketing Method (2027-2032) & (US\$/Kg)

Table 68. World Rare Earth Materials For Hydrogen Storage Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Rare Earth Materials For Hydrogen Storage Production by Application (2021-2026) & (Tons)

Table 70. World Rare Earth Materials For Hydrogen Storage Production by Application (2027-2032) & (Tons)

Table 71. World Rare Earth Materials For Hydrogen Storage Production Value by Application (2021-2026) & (USD Million)

Table 72. World Rare Earth Materials For Hydrogen Storage Production Value by Application (2027-2032) & (USD Million)

Table 73. World Rare Earth Materials For Hydrogen Storage Average Price by Application (2021-2026) & (US\$/Kg)

Table 74. World Rare Earth Materials For Hydrogen Storage Average Price by Application (2027-2032) & (US\$/Kg)

Table 75. Santoku Basic Information, Manufacturing Base and Competitors

Table 76. Santoku Major Business

Table 77. Santoku Rare Earth Materials For Hydrogen Storage Product and Services

Table 78. Santoku Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Santoku Recent Developments/Updates

Table 80. Santoku Competitive Strengths & Weaknesses

Table 81. American Elements Basic Information, Manufacturing Base and Competitors

Table 82. American Elements Major Business

Table 83. American Elements Rare Earth Materials For Hydrogen Storage Product and Services

Table 84. American Elements Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. American Elements Recent Developments/Updates

Table 86. American Elements Competitive Strengths & Weaknesses

Table 87. Nippon Denko Basic Information, Manufacturing Base and Competitors

Table 88. Nippon Denko Major Business

Table 89. Nippon Denko Rare Earth Materials For Hydrogen Storage Product and Services

Table 90. Nippon Denko Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Nippon Denko Recent Developments/Updates

Table 92. Nippon Denko Competitive Strengths & Weaknesses

Table 93. Mitsui-Kinzoku Basic Information, Manufacturing Base and Competitors

Table 94. Mitsui-Kinzoku Major Business

Table 95. Mitsui-Kinzoku Rare Earth Materials For Hydrogen Storage Product and Services

Table 96. Mitsui-Kinzoku Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Mitsui-Kinzoku Recent Developments/Updates

Table 98. Mitsui-Kinzoku Competitive Strengths & Weaknesses

Table 99. Japan Metals & Chemicals Basic Information, Manufacturing Base and Competitors

Table 100. Japan Metals & Chemicals Major Business

Table 101. Japan Metals & Chemicals Rare Earth Materials For Hydrogen Storage Product and Services

Table 102. Japan Metals & Chemicals Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Japan Metals & Chemicals Recent Developments/Updates

Table 104. Japan Metals & Chemicals Competitive Strengths & Weaknesses

Table 105. XTC New Energy Basic Information, Manufacturing Base and Competitors

Table 106. XTC New Energy Major Business

Table 107. XTC New Energy Rare Earth Materials For Hydrogen Storage Product and Services

Table 108. XTC New Energy Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. XTC New Energy Recent Developments/Updates

Table 110. XTC New Energy Competitive Strengths & Weaknesses

Table 111. Jiangxi Tungsten Holding Basic Information, Manufacturing Base and Competitors

Table 112. Jiangxi Tungsten Holding Major Business

Table 113. Jiangxi Tungsten Holding Rare Earth Materials For Hydrogen Storage Product and Services

Table 114. Jiangxi Tungsten Holding Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Jiangxi Tungsten Holding Recent Developments/Updates

Table 116. Jiangxi Tungsten Holding Competitive Strengths & Weaknesses

Table 117. China Northern Rare Earth Basic Information, Manufacturing Base and Competitors

Table 118. China Northern Rare Earth Major Business

Table 119. China Northern Rare Earth Rare Earth Materials For Hydrogen Storage Product and Services

Table 120. China Northern Rare Earth Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. China Northern Rare Earth Recent Developments/Updates

Table 122. China Northern Rare Earth Competitive Strengths & Weaknesses

Table 123. Baotou FDK Basic Information, Manufacturing Base and Competitors

Table 124. Baotou FDK Major Business

Table 125. Baotou FDK Rare Earth Materials For Hydrogen Storage Product and Services

Table 126. Baotou FDK Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Baotou FDK Recent Developments/Updates

Table 128. Baotou FDK Competitive Strengths & Weaknesses

Table 129. Shenjiang Technology Basic Information, Manufacturing Base and Competitors

Table 130. Shenjiang Technology Major Business

Table 131. Shenjiang Technology Rare Earth Materials For Hydrogen Storage Product and Services

Table 132. Shenjiang Technology Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Shenjiang Technology Recent Developments/Updates

Table 134. Shenjiang Technology Competitive Strengths & Weaknesses

Table 135. Whole Win Basic Information, Manufacturing Base and Competitors

Table 136. Whole Win Major Business

Table 137. Whole Win Rare Earth Materials For Hydrogen Storage Product and Services

Table 138. Whole Win Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Whole Win Recent Developments/Updates

Table 140. Whole Win Competitive Strengths & Weaknesses

Table 141. AE&M JITRI Basic Information, Manufacturing Base and Competitors

Table 142. AE&M JITRI Major Business

Table 143. AE&M JITRI Rare Earth Materials For Hydrogen Storage Product and Services

Table 144. AE&M JITRI Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. AE&M JITRI Recent Developments/Updates

Table 146. AE&M JITRI Competitive Strengths & Weaknesses

Table 147. Zhongke Xuanda New Energy Basic Information, Manufacturing Base and Competitors

Table 148. Zhongke Xuanda New Energy Major Business

Table 149. Zhongke Xuanda New Energy Rare Earth Materials For Hydrogen Storage Product and Services

Table 150. Zhongke Xuanda New Energy Rare Earth Materials For Hydrogen Storage Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Zhongke Xuanda New Energy Recent Developments/Updates

Table 152. Zhongke Xuanda New Energy Competitive Strengths & Weaknesses

Table 153. Global Key Players of Rare Earth Materials For Hydrogen Storage Upstream (Raw Materials)

Table 154. Global Rare Earth Materials For Hydrogen Storage Typical Customers

Table 155. Rare Earth Materials For Hydrogen Storage Typical Distributors



## List Of Figures

### LIST OF FIGURES

Figure 1. Rare Earth Materials For Hydrogen Storage Picture

Figure 2. World Rare Earth Materials For Hydrogen Storage Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Rare Earth Materials For Hydrogen Storage Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Rare Earth Materials For Hydrogen Storage Production (2021-2032) & (Tons)

Figure 5. World Rare Earth Materials For Hydrogen Storage Average Price (2021-2032) & (US\$/Kg)

Figure 6. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Region (2021-2032)

Figure 7. World Rare Earth Materials For Hydrogen Storage Production Market Share by Region (2021-2032)

Figure 8. North America Rare Earth Materials For Hydrogen Storage Production (2021-2032) & (Tons)

Figure 9. Europe Rare Earth Materials For Hydrogen Storage Production (2021-2032) & (Tons)

Figure 10. China Rare Earth Materials For Hydrogen Storage Production (2021-2032) & (Tons)

Figure 11. Japan Rare Earth Materials For Hydrogen Storage Production (2021-2032) & (Tons)

Figure 12. Rare Earth Materials For Hydrogen Storage Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)

Figure 15. World Rare Earth Materials For Hydrogen Storage Consumption Market Share by Region (2021-2032)

Figure 16. United States Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)

Figure 17. China Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)

Figure 18. Europe Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)

Figure 19. Japan Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)

- Figure 20. South Korea Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)
- Figure 21. ASEAN Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)
- Figure 22. India Rare Earth Materials For Hydrogen Storage Consumption (2021-2032) & (Tons)
- Figure 23. Producer Shipments of Rare Earth Materials For Hydrogen Storage by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Rare Earth Materials For Hydrogen Storage Markets in 2025
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Rare Earth Materials For Hydrogen Storage Markets in 2025
- Figure 26. United States VS China: Rare Earth Materials For Hydrogen Storage Production Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 27. United States VS China: Rare Earth Materials For Hydrogen Storage Production Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States VS China: Rare Earth Materials For Hydrogen Storage Consumption Market Share Comparison (2021 & 2025 & 2032)
- Figure 29. United States Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share 2025
- Figure 30. China Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share 2025
- Figure 31. Rest of World Based Manufacturers Rare Earth Materials For Hydrogen Storage Production Market Share 2025
- Figure 32. World Rare Earth Materials For Hydrogen Storage Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Figure 33. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Type in 2025
- Figure 34. AB5 Type
- Figure 35. AB2 Type
- Figure 36. AB Type
- Figure 37. A2B Type
- Figure 38. Others
- Figure 39. World Rare Earth Materials For Hydrogen Storage Production Market Share by Type (2021-2032)
- Figure 40. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Type (2021-2032)
- Figure 41. World Rare Earth Materials For Hydrogen Storage Average Price by Type (2021-2032) & (US\$/Kg)

Figure 42. World Rare Earth Materials For Hydrogen Storage Production Value by Product Form, (USD Million), 2021 & 2025 & 2032

Figure 43. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Product Form in 2025

Figure 44. Powder

Figure 45. Block

Figure 46. World Rare Earth Materials For Hydrogen Storage Production Market Share by Product Form (2021-2032)

Figure 47. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Product Form (2021-2032)

Figure 48. World Rare Earth Materials For Hydrogen Storage Average Price by Product Form (2021-2032) & (US\$/Kg)

Figure 49. World Rare Earth Materials For Hydrogen Storage Production Value by Marketing Method, (USD Million), 2021 & 2025 & 2032

Figure 50. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Marketing Method in 2025

Figure 51. Direct Sales

Figure 52. Distribution

Figure 53. World Rare Earth Materials For Hydrogen Storage Production Market Share by Marketing Method (2021-2032)

Figure 54. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Marketing Method (2021-2032)

Figure 55. World Rare Earth Materials For Hydrogen Storage Average Price by Marketing Method (2021-2032) & (US\$/Kg)

Figure 56. World Rare Earth Materials For Hydrogen Storage Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Application in 2025

Figure 58. Battery

Figure 59. Energy Storage

Figure 60. World Rare Earth Materials For Hydrogen Storage Production Market Share by Application (2021-2032)

Figure 61. World Rare Earth Materials For Hydrogen Storage Production Value Market Share by Application (2021-2032)

Figure 62. World Rare Earth Materials For Hydrogen Storage Average Price by Application (2021-2032) & (US\$/Kg)

Figure 63. Rare Earth Materials For Hydrogen Storage Industry Chain

Figure 64. Rare Earth Materials For Hydrogen Storage Procurement Model

Figure 65. Rare Earth Materials For Hydrogen Storage Sales Model

Figure 66. Rare Earth Materials For Hydrogen Storage Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

## I would like to order

Product name: Global Rare Earth Materials For Hydrogen Storage Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GF21A1A0C79EEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF21A1A0C79EEN.html>