

Global Energy Storage Liquid Cooling Plates Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G60A3BA35873EN.html>

Date: July 2026

Pages: 91

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

ID: G60A3BA35873EN

Abstracts

According to our (Global Info Research) latest study, the global Energy Storage Liquid Cooling Plates market size was valued at US\$ 580 million in 2025 and is forecast to a readjusted size of US\$ 1338 million by 2032 with a CAGR of 13.4% during review period.

Energy storage liquid cooling plates are critical thermal management components used in Battery Energy Storage Systems (BESS). Typically manufactured from aluminum alloys and integrated with internal flow channels, these plates circulate coolant to absorb and transfer heat generated during battery operation. By maintaining temperature uniformity and improving heat dissipation efficiency, liquid cooling plates enhance system safety, battery lifespan, charging/discharging performance, and overall operational reliability. They are widely deployed in utility-scale energy storage plants, commercial and industrial (C&I) energy storage systems, and containerized BESS solutions. As energy storage systems evolve toward higher energy density, larger capacities, and longer service life, liquid cooling technology is increasingly replacing conventional air-cooling methods and becoming the mainstream thermal management solution for next-generation energy storage applications. In 2025, global sales of energy storage liquid-cooled plates will reach 8.057 million units, with an average selling price of US\$70 per unit. The overall gross profit margin of the industry is expected to remain between 20% and 35%. The energy storage liquid cooling plate industry chain mainly consists of upstream raw material and equipment suppliers, midstream liquid-cooled plate manufacturers, and downstream energy storage system integrators and end users. Upstream mainly includes aluminum alloy sheets, aluminum extruded profiles, brazing materials, sealing materials, coolants, and CNC machining equipment, vacuum brazing equipment, and friction stir welding (FSW) equipment. Aluminum alloy materials

typically account for more than 40% of the total product cost, making it a significant factor influencing product price. The midstream segment involves liquid-cooled plate design and manufacturing. Companies produce liquid-cooled plate products using processes such as stamping and welding, vacuum brazing, aluminum extrusion molding, and friction stir welding, and conduct flow channel design, thermal simulation optimization, and reliability verification according to the needs of different energy storage systems. Downstream mainly includes energy storage system integrators, battery manufacturers, and energy storage project developers, such as large-scale grid-side energy storage projects, industrial and commercial energy storage projects, and new energy distribution and storage projects. With the continuous increase in the single-cabinet capacity of energy storage systems and the continuous improvement in the penetration rate of liquid cooling technology, the industry chain is gradually developing towards standardization, high reliability, and low cost. Thermal management performance has become an important component of the competitiveness of energy storage systems.

The growth of the Energy Storage Liquid Cooling Plate market is primarily driven by the global energy transition and the rapid expansion of the energy storage industry. Increasing deployment of renewable energy sources such as wind and solar power has significantly boosted demand for battery energy storage systems. Utility-scale energy storage projects, commercial and industrial storage applications, and renewable energy integration projects require highly efficient thermal management solutions. Compared with conventional air-cooling systems, liquid cooling technologies offer superior heat dissipation performance, better temperature uniformity, lower energy consumption, and enhanced operational safety, resulting in increasing adoption in large-scale energy storage systems exceeding 5MWh. Furthermore, rising battery energy density, longer cycle-life requirements, and stricter safety regulations continue to accelerate market penetration. However, the industry also faces challenges, including fluctuations in aluminum prices, cyclical investment patterns in the energy storage sector, geopolitical and trade uncertainties, and increasing competitive pressure from technological innovation. In addition, vertical integration by major system integrators and battery manufacturers may reduce opportunities for independent cooling plate suppliers. Continuous investment in thermal engineering, manufacturing automation, and cost optimization will remain critical for long-term competitiveness.

This report is a detailed and comprehensive analysis for global Energy Storage Liquid Cooling Plates market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Energy Storage Liquid Cooling Plates market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Energy Storage Liquid Cooling Plates market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Energy Storage Liquid Cooling Plates market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Energy Storage Liquid Cooling Plates market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Energy Storage Liquid Cooling Plates

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Energy Storage Liquid Cooling Plates market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Eaton(Boyd), Nektar, Asia Vital Components, Sanhua, Yinlun, Suzhou Ritec Thermal Technology, Shenzhen FRD Science & Technology, Nabochuan New Energy, Shenzhen Envicool Technology, Goaland Energy Conservation Tech, etc.

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

Market Segmentation

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

Market segment by Type

Brazed Liquid Cooling Plate

Extruded Liquid Cooling Plate

Stamped & Welded Liquid Cooling Plate

Others

Market segment by Material

Aluminum Alloy

Copper-Based

Composite Material

Market segment by Cooling Method

Single-Phase Liquid Cooling

Two-Phase Liquid Cooling

Market segment by Application

Utility-Scale Energy Storage

Commercial & Industrial ESS

Renewable Energy Storage

Others

Major players covered

Eaton(Boyd)

Neklar

Asia Vital Components

Sanhua

Yinlun

Suzhou Ritec Thermal Technology

Shenzhen FRD Science & Technology

Nabochuan New Energy

Shenzhen Envicool Technology

Goaland Energy Conservation Tech

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

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

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

Chapter 1, to describe Energy Storage Liquid Cooling Plates product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Energy Storage Liquid Cooling Plates, with price, sales quantity, revenue, and global market share of Energy Storage Liquid Cooling Plates from 2021 to 2026.

Chapter 3, the Energy Storage Liquid Cooling Plates competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Energy Storage Liquid Cooling Plates breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Energy Storage Liquid Cooling Plates market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of

Energy Storage Liquid Cooling Plates.

Chapter 14 and 15, to describe Energy Storage Liquid Cooling Plates sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Energy Storage Liquid Cooling Plates Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Brazed Liquid Cooling Plate

1.3.3 Extruded Liquid Cooling Plate

1.3.4 Stamped & Welded Liquid Cooling Plate

1.3.5 Others

1.4 Market Analysis by Material

1.4.1 Overview: Global Energy Storage Liquid Cooling Plates Consumption Value by Material: 2021 Versus 2025 Versus 2032

1.4.2 Aluminum Alloy

1.4.3 Copper-Based

1.4.4 Composite Material

1.5 Market Analysis by Cooling Method

1.5.1 Overview: Global Energy Storage Liquid Cooling Plates Consumption Value by Cooling Method: 2021 Versus 2025 Versus 2032

1.5.2 Single-Phase Liquid Cooling

1.5.3 Two-Phase Liquid Cooling

1.6 Market Analysis by Application

1.6.1 Overview: Global Energy Storage Liquid Cooling Plates Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Utility-Scale Energy Storage

1.6.3 Commercial & Industrial ESS

1.6.4 Renewable Energy Storage

1.6.5 Others

1.7 Global Energy Storage Liquid Cooling Plates Market Size & Forecast

1.7.1 Global Energy Storage Liquid Cooling Plates Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Energy Storage Liquid Cooling Plates Sales Quantity (2021-2032)

1.7.3 Global Energy Storage Liquid Cooling Plates Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Eaton(Boyd)

2.1.1 Eaton(Boyd) Details

2.1.2 Eaton(Boyd) Major Business

2.1.3 Eaton(Boyd) Energy Storage Liquid Cooling Plates Product and Services

2.1.4 Eaton(Boyd) Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Eaton(Boyd) Recent Developments/Updates

2.2 Neklar

2.2.1 Neklar Details

2.2.2 Neklar Major Business

2.2.3 Neklar Energy Storage Liquid Cooling Plates Product and Services

2.2.4 Neklar Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Neklar Recent Developments/Updates

2.3 Asia Vital Components

2.3.1 Asia Vital Components Details

2.3.2 Asia Vital Components Major Business

2.3.3 Asia Vital Components Energy Storage Liquid Cooling Plates Product and Services

2.3.4 Asia Vital Components Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Asia Vital Components Recent Developments/Updates

2.4 Sanhua

2.4.1 Sanhua Details

2.4.2 Sanhua Major Business

2.4.3 Sanhua Energy Storage Liquid Cooling Plates Product and Services

2.4.4 Sanhua Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Sanhua Recent Developments/Updates

2.5 Yinlun

2.5.1 Yinlun Details

2.5.2 Yinlun Major Business

2.5.3 Yinlun Energy Storage Liquid Cooling Plates Product and Services

2.5.4 Yinlun Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Yinlun Recent Developments/Updates

2.6 Suzhou Ritec Thermal Technology

2.6.1 Suzhou Ritec Thermal Technology Details

2.6.2 Suzhou Ritec Thermal Technology Major Business

2.6.3 Suzhou Ritec Thermal Technology Energy Storage Liquid Cooling Plates Product and Services

2.6.4 Suzhou Ritec Thermal Technology Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Suzhou Ritec Thermal Technology Recent Developments/Updates

2.7 Shenzhen FRD Science & Technology

2.7.1 Shenzhen FRD Science & Technology Details

2.7.2 Shenzhen FRD Science & Technology Major Business

2.7.3 Shenzhen FRD Science & Technology Energy Storage Liquid Cooling Plates Product and Services

2.7.4 Shenzhen FRD Science & Technology Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Shenzhen FRD Science & Technology Recent Developments/Updates

2.8 Nabochuan New Energy

2.8.1 Nabochuan New Energy Details

2.8.2 Nabochuan New Energy Major Business

2.8.3 Nabochuan New Energy Energy Storage Liquid Cooling Plates Product and Services

2.8.4 Nabochuan New Energy Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Nabochuan New Energy Recent Developments/Updates

2.9 Shenzhen Envicool Technology

2.9.1 Shenzhen Envicool Technology Details

2.9.2 Shenzhen Envicool Technology Major Business

2.9.3 Shenzhen Envicool Technology Energy Storage Liquid Cooling Plates Product and Services

2.9.4 Shenzhen Envicool Technology Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Shenzhen Envicool Technology Recent Developments/Updates

2.10 Goaland Energy Conservation Tech

2.10.1 Goaland Energy Conservation Tech Details

2.10.2 Goaland Energy Conservation Tech Major Business

2.10.3 Goaland Energy Conservation Tech Energy Storage Liquid Cooling Plates Product and Services

2.10.4 Goaland Energy Conservation Tech Energy Storage Liquid Cooling Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Goaland Energy Conservation Tech Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENERGY STORAGE LIQUID COOLING PLATES

BY MANUFACTURER

3.1 Global Energy Storage Liquid Cooling Plates Sales Quantity by Manufacturer (2021-2026)

3.2 Global Energy Storage Liquid Cooling Plates Revenue by Manufacturer (2021-2026)

3.3 Global Energy Storage Liquid Cooling Plates Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Energy Storage Liquid Cooling Plates by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Energy Storage Liquid Cooling Plates Manufacturer Market Share in 2025

3.4.3 Top 6 Energy Storage Liquid Cooling Plates Manufacturer Market Share in 2025

3.5 Energy Storage Liquid Cooling Plates Market: Overall Company Footprint Analysis

3.5.1 Energy Storage Liquid Cooling Plates Market: Region Footprint

3.5.2 Energy Storage Liquid Cooling Plates Market: Company Product Type Footprint

3.5.3 Energy Storage Liquid Cooling Plates Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Energy Storage Liquid Cooling Plates Market Size by Region

4.1.1 Global Energy Storage Liquid Cooling Plates Sales Quantity by Region (2021-2032)

4.1.2 Global Energy Storage Liquid Cooling Plates Consumption Value by Region (2021-2032)

4.1.3 Global Energy Storage Liquid Cooling Plates Average Price by Region (2021-2032)

4.2 North America Energy Storage Liquid Cooling Plates Consumption Value (2021-2032)

4.3 Europe Energy Storage Liquid Cooling Plates Consumption Value (2021-2032)

4.4 Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value (2021-2032)

4.5 South America Energy Storage Liquid Cooling Plates Consumption Value (2021-2032)

4.6 Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2032)
- 5.2 Global Energy Storage Liquid Cooling Plates Consumption Value by Type (2021-2032)
- 5.3 Global Energy Storage Liquid Cooling Plates Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2032)
- 6.2 Global Energy Storage Liquid Cooling Plates Consumption Value by Application (2021-2032)
- 6.3 Global Energy Storage Liquid Cooling Plates Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2032)
- 7.2 North America Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2032)
- 7.3 North America Energy Storage Liquid Cooling Plates Market Size by Country
 - 7.3.1 North America Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2032)
- 8.2 Europe Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2032)
- 8.3 Europe Energy Storage Liquid Cooling Plates Market Size by Country
 - 8.3.1 Europe Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe Energy Storage Liquid Cooling Plates Consumption Value by Country

(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Type
(2021-2032)

9.2 Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Application
(2021-2032)

9.3 Asia-Pacific Energy Storage Liquid Cooling Plates Market Size by Region

9.3.1 Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Region
(2021-2032)

9.3.2 Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value by Region
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Energy Storage Liquid Cooling Plates Sales Quantity by Type
(2021-2032)

10.2 South America Energy Storage Liquid Cooling Plates Sales Quantity by Application
(2021-2032)

10.3 South America Energy Storage Liquid Cooling Plates Market Size by Country

10.3.1 South America Energy Storage Liquid Cooling Plates Sales Quantity by Country
(2021-2032)

10.3.2 South America Energy Storage Liquid Cooling Plates Consumption Value by
Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Energy Storage Liquid Cooling Plates Market Size by Country

11.3.1 Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Energy Storage Liquid Cooling Plates Market Drivers

12.2 Energy Storage Liquid Cooling Plates Market Restraints

12.3 Energy Storage Liquid Cooling Plates Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Energy Storage Liquid Cooling Plates and Key Manufacturers

13.2 Manufacturing Costs Percentage of Energy Storage Liquid Cooling Plates

13.3 Energy Storage Liquid Cooling Plates Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Energy Storage Liquid Cooling Plates Typical Distributors

14.3 Energy Storage Liquid Cooling Plates Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Energy Storage Liquid Cooling Plates Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Energy Storage Liquid Cooling Plates Consumption Value by Material, (USD Million), 2021 & 2025 & 2032

Table 3. Global Energy Storage Liquid Cooling Plates Consumption Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Table 4. Global Energy Storage Liquid Cooling Plates Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Eaton(Boyd) Basic Information, Manufacturing Base and Competitors

Table 6. Eaton(Boyd) Major Business

Table 7. Eaton(Boyd) Energy Storage Liquid Cooling Plates Product and Services

Table 8. Eaton(Boyd) Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Eaton(Boyd) Recent Developments/Updates

Table 10. Nektar Basic Information, Manufacturing Base and Competitors

Table 11. Nektar Major Business

Table 12. Nektar Energy Storage Liquid Cooling Plates Product and Services

Table 13. Nektar Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Nektar Recent Developments/Updates

Table 15. Asia Vital Components Basic Information, Manufacturing Base and Competitors

Table 16. Asia Vital Components Major Business

Table 17. Asia Vital Components Energy Storage Liquid Cooling Plates Product and Services

Table 18. Asia Vital Components Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Asia Vital Components Recent Developments/Updates

Table 20. Sanhua Basic Information, Manufacturing Base and Competitors

Table 21. Sanhua Major Business

Table 22. Sanhua Energy Storage Liquid Cooling Plates Product and Services

Table 23. Sanhua Energy Storage Liquid Cooling Plates Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Sanhua Recent Developments/Updates

Table 25. Yinlun Basic Information, Manufacturing Base and Competitors

Table 26. Yinlun Major Business

Table 27. Yinlun Energy Storage Liquid Cooling Plates Product and Services

Table 28. Yinlun Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Yinlun Recent Developments/Updates

Table 30. Suzhou Ritec Thermal Technology Basic Information, Manufacturing Base and Competitors

Table 31. Suzhou Ritec Thermal Technology Major Business

Table 32. Suzhou Ritec Thermal Technology Energy Storage Liquid Cooling Plates Product and Services

Table 33. Suzhou Ritec Thermal Technology Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Suzhou Ritec Thermal Technology Recent Developments/Updates

Table 35. Shenzhen FRD Science & Technology Basic Information, Manufacturing Base and Competitors

Table 36. Shenzhen FRD Science & Technology Major Business

Table 37. Shenzhen FRD Science & Technology Energy Storage Liquid Cooling Plates Product and Services

Table 38. Shenzhen FRD Science & Technology Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Shenzhen FRD Science & Technology Recent Developments/Updates

Table 40. Nabochuan New Energy Basic Information, Manufacturing Base and Competitors

Table 41. Nabochuan New Energy Major Business

Table 42. Nabochuan New Energy Energy Storage Liquid Cooling Plates Product and Services

Table 43. Nabochuan New Energy Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Nabochuan New Energy Recent Developments/Updates

Table 45. Shenzhen Envicool Technology Basic Information, Manufacturing Base and Competitors

Table 46. Shenzhen Envicool Technology Major Business

Table 47. Shenzhen Envicool Technology Energy Storage Liquid Cooling Plates

Product and Services

Table 48. Shenzhen Envicool Technology Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Shenzhen Envicool Technology Recent Developments/Updates

Table 50. Goaland Energy Conservation Tech Basic Information, Manufacturing Base and Competitors

Table 51. Goaland Energy Conservation Tech Major Business

Table 52. Goaland Energy Conservation Tech Energy Storage Liquid Cooling Plates Product and Services

Table 53. Goaland Energy Conservation Tech Energy Storage Liquid Cooling Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Goaland Energy Conservation Tech Recent Developments/Updates

Table 55. Global Energy Storage Liquid Cooling Plates Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 56. Global Energy Storage Liquid Cooling Plates Revenue by Manufacturer (2021-2026) & (USD Million)

Table 57. Global Energy Storage Liquid Cooling Plates Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 58. Market Position of Manufacturers in Energy Storage Liquid Cooling Plates, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 59. Head Office and Energy Storage Liquid Cooling Plates Production Site of Key Manufacturer

Table 60. Energy Storage Liquid Cooling Plates Market: Company Product Type Footprint

Table 61. Energy Storage Liquid Cooling Plates Market: Company Product Application Footprint

Table 62. Energy Storage Liquid Cooling Plates New Market Entrants and Barriers to Market Entry

Table 63. Energy Storage Liquid Cooling Plates Mergers, Acquisition, Agreements, and Collaborations

Table 64. Global Energy Storage Liquid Cooling Plates Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 65. Global Energy Storage Liquid Cooling Plates Sales Quantity by Region (2021-2026) & (K Units)

Table 66. Global Energy Storage Liquid Cooling Plates Sales Quantity by Region

(2027-2032) & (K Units)

Table 67. Global Energy Storage Liquid Cooling Plates Consumption Value by Region (2021-2026) & (USD Million)

Table 68. Global Energy Storage Liquid Cooling Plates Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global Energy Storage Liquid Cooling Plates Average Price by Region (2021-2026) & (US\$/Unit)

Table 70. Global Energy Storage Liquid Cooling Plates Average Price by Region (2027-2032) & (US\$/Unit)

Table 71. Global Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 72. Global Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 73. Global Energy Storage Liquid Cooling Plates Consumption Value by Type (2021-2026) & (USD Million)

Table 74. Global Energy Storage Liquid Cooling Plates Consumption Value by Type (2027-2032) & (USD Million)

Table 75. Global Energy Storage Liquid Cooling Plates Average Price by Type (2021-2026) & (US\$/Unit)

Table 76. Global Energy Storage Liquid Cooling Plates Average Price by Type (2027-2032) & (US\$/Unit)

Table 77. Global Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 78. Global Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 79. Global Energy Storage Liquid Cooling Plates Consumption Value by Application (2021-2026) & (USD Million)

Table 80. Global Energy Storage Liquid Cooling Plates Consumption Value by Application (2027-2032) & (USD Million)

Table 81. Global Energy Storage Liquid Cooling Plates Average Price by Application (2021-2026) & (US\$/Unit)

Table 82. Global Energy Storage Liquid Cooling Plates Average Price by Application (2027-2032) & (US\$/Unit)

Table 83. North America Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 84. North America Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 85. North America Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 86. North America Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 87. North America Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2026) & (K Units)

Table 88. North America Energy Storage Liquid Cooling Plates Sales Quantity by Country (2027-2032) & (K Units)

Table 89. North America Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2026) & (USD Million)

Table 90. North America Energy Storage Liquid Cooling Plates Consumption Value by Country (2027-2032) & (USD Million)

Table 91. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 92. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 93. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 94. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 95. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2026) & (K Units)

Table 96. Europe Energy Storage Liquid Cooling Plates Sales Quantity by Country (2027-2032) & (K Units)

Table 97. Europe Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe Energy Storage Liquid Cooling Plates Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 100. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 101. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 102. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 103. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Region (2021-2026) & (K Units)

Table 104. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity by Region (2027-2032) & (K Units)

Table 105. Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value by

Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value by Region (2027-2032) & (USD Million)

Table 107. South America Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 108. South America Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 109. South America Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 110. South America Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 111. South America Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2026) & (K Units)

Table 112. South America Energy Storage Liquid Cooling Plates Sales Quantity by Country (2027-2032) & (K Units)

Table 113. South America Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America Energy Storage Liquid Cooling Plates Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Type (2021-2026) & (K Units)

Table 116. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Type (2027-2032) & (K Units)

Table 117. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Application (2021-2026) & (K Units)

Table 118. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Application (2027-2032) & (K Units)

Table 119. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Country (2021-2026) & (K Units)

Table 120. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity by Country (2027-2032) & (K Units)

Table 121. Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Energy Storage Liquid Cooling Plates Raw Material

Table 124. Key Manufacturers of Energy Storage Liquid Cooling Plates Raw Materials

Table 125. Energy Storage Liquid Cooling Plates Typical Distributors

Table 126. Energy Storage Liquid Cooling Plates Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Energy Storage Liquid Cooling Plates Picture
- Figure 2. Global Energy Storage Liquid Cooling Plates Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Type in 2025
- Figure 4. Brazed Liquid Cooling Plate Examples
- Figure 5. Extruded Liquid Cooling Plate Examples
- Figure 6. Stamped & Welded Liquid Cooling Plate Examples
- Figure 7. Others Examples
- Figure 8. Global Energy Storage Liquid Cooling Plates Revenue by Material, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Material in 2025
- Figure 10. Aluminum Alloy Examples
- Figure 11. Copper-Based Examples
- Figure 12. Composite Material Examples
- Figure 13. Global Energy Storage Liquid Cooling Plates Revenue by Cooling Method, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Cooling Method in 2025
- Figure 15. Single-Phase Liquid Cooling Examples
- Figure 16. Two-Phase Liquid Cooling Examples
- Figure 17. Global Energy Storage Liquid Cooling Plates Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Application in 2025
- Figure 19. Utility-Scale Energy Storage Examples
- Figure 20. Commercial & Industrial ESS Examples
- Figure 21. Renewable Energy Storage Examples
- Figure 22. Others Examples
- Figure 23. Global Energy Storage Liquid Cooling Plates Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 24. Global Energy Storage Liquid Cooling Plates Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 25. Global Energy Storage Liquid Cooling Plates Sales Quantity (2021-2032) &

(K Units)

Figure 26. Global Energy Storage Liquid Cooling Plates Price (2021-2032) & (US\$/Unit)

Figure 27. Global Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Manufacturer in 2025

Figure 28. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Manufacturer in 2025

Figure 29. Producer Shipments of Energy Storage Liquid Cooling Plates by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 Energy Storage Liquid Cooling Plates Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 Energy Storage Liquid Cooling Plates Manufacturer (Revenue) Market Share in 2025

Figure 32. Global Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global Energy Storage Liquid Cooling Plates Consumption Value Market Share by Region (2021-2032)

Figure 34. North America Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 37. South America Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 39. Global Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Type (2021-2032)

Figure 40. Global Energy Storage Liquid Cooling Plates Consumption Value Market Share by Type (2021-2032)

Figure 41. Global Energy Storage Liquid Cooling Plates Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. Global Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global Energy Storage Liquid Cooling Plates Revenue Market Share by Application (2021-2032)

Figure 44. Global Energy Storage Liquid Cooling Plates Average Price by Application (2021-2032) & (US\$/Unit)

Figure 45. North America Energy Storage Liquid Cooling Plates Sales Quantity Market

Share by Type (2021-2032)

Figure 46. North America Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)

Figure 47. North America Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Country (2021-2032)

Figure 48. North America Energy Storage Liquid Cooling Plates Consumption Value Market Share by Country (2021-2032)

Figure 49. United States Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 50. Canada Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 51. Mexico Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 52. Europe Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Type (2021-2032)

Figure 53. Europe Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)

Figure 54. Europe Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Country (2021-2032)

Figure 55. Europe Energy Storage Liquid Cooling Plates Consumption Value Market Share by Country (2021-2032)

Figure 56. Germany Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 57. France Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 58. United Kingdom Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 59. Russia Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 60. Italy Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)

Figure 61. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Type (2021-2032)

Figure 62. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)

Figure 63. Asia-Pacific Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Region (2021-2032)

Figure 64. Asia-Pacific Energy Storage Liquid Cooling Plates Consumption Value Market Share by Region (2021-2032)

- Figure 65. China Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 66. Japan Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 67. South Korea Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 68. India Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 69. Southeast Asia Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 70. Australia Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 71. South America Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Type (2021-2032)
- Figure 72. South America Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)
- Figure 73. South America Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Country (2021-2032)
- Figure 74. South America Energy Storage Liquid Cooling Plates Consumption Value Market Share by Country (2021-2032)
- Figure 75. Brazil Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 76. Argentina Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 77. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Type (2021-2032)
- Figure 78. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Application (2021-2032)
- Figure 79. Middle East & Africa Energy Storage Liquid Cooling Plates Sales Quantity Market Share by Country (2021-2032)
- Figure 80. Middle East & Africa Energy Storage Liquid Cooling Plates Consumption Value Market Share by Country (2021-2032)
- Figure 81. Turkey Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 82. Egypt Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 83. Saudi Arabia Energy Storage Liquid Cooling Plates Consumption Value (2021-2032) & (USD Million)
- Figure 84. South Africa Energy Storage Liquid Cooling Plates Consumption Value

(2021-2032) & (USD Million)

Figure 85. Energy Storage Liquid Cooling Plates Market Drivers

Figure 86. Energy Storage Liquid Cooling Plates Market Restraints

Figure 87. Energy Storage Liquid Cooling Plates Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of Energy Storage Liquid Cooling Plates in 2025

Figure 90. Manufacturing Process Analysis of Energy Storage Liquid Cooling Plates

Figure 91. Energy Storage Liquid Cooling Plates Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

I would like to order

Product name: Global Energy Storage Liquid Cooling Plates Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G60A3BA35873EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G60A3BA35873EN.html>