

Global Porous Silicon Anode Market Growth 2026-2032

<https://marketpublishers.com/r/G83FDE9F5165EN.html>

Date: May 2026

Pages: 120

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

ID: G83FDE9F5165EN

Abstracts

The global Porous Silicon Anode market size is predicted to grow from US\$ 1255 million in 2025 to US\$ 4503 million in 2032; it is expected to grow at a CAGR of 20.1% from 2026 to 2032.

Porous Silicon Anode refers to a next-generation lithium-ion battery anode material in which silicon is engineered into a porous (micro-/meso-/nano-structured) architecture to accommodate silicon's large volume expansion (~300%) during charge/discharge cycles, thereby improving cycle life, energy density, and mechanical stability compared with conventional graphite anodes. The supply chain begins upstream with high-purity silicon sources (metallurgical silicon, polysilicon, or silane gas) supplied by major silicon producers, along with precursor chemicals (etchants, templating agents, carbon sources) and processing equipment; the midstream involves advanced material engineering processes such as chemical etching, magnesiothermic reduction, chemical vapor deposition (CVD), or templated synthesis to create porous silicon structures, often followed by carbon coating or composite formation (Si/C) to enhance conductivity and stability, typically carried out by specialized battery material companies; downstream, the porous silicon anode powders are integrated into electrode formulations (with binders, conductive additives), coated onto current collectors, and assembled into lithium-ion battery cells by battery manufacturers, which are then supplied to end-use sectors such as electric vehicles, consumer electronics, and energy storage systems, with OEMs and integrators forming the final link in the value chain. In 2025, global Porous Silicon Anode output was about 150,000 tons with 200,000 tons of capacity, average prices of USD 7,000-15,000 per ton, and gross margins around 37%.

United States market for Porous Silicon Anode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Porous Silicon Anode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Porous Silicon Anode is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Porous Silicon Anode players cover Sila Nanotechnologies (USA), Amprius Technologies (USA), Group14 Technologies (USA), Enevate Corporation (USA), NanoGraf Corporation (USA), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

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

This Insight Report provides a comprehensive analysis of the global Porous Silicon Anode 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 Porous Silicon Anode portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Porous Silicon Anode market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Porous Silicon Anode 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 Porous Silicon Anode.

This report presents a comprehensive overview, market shares, and growth opportunities of Porous Silicon Anode market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Crystalline Porous Silicon Anode

Amorphous Porous Silicon Anode

Segmentation by Pore Structure:

Microporous Silicon (50 nm)

Hierarchical Porous Silicon

Segmentation by Application:

Electric Vehicle

Consumer Electronic

Energy Storage System

Aerospace & Defense

Others

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.

Sila Nanotechnologies (USA)

Amprius Technologies (USA)

Group14 Technologies (USA)

Enevate Corporation (USA)

NanoGraf Corporation (USA)

OneD Battery Sciences (USA)

Nanotek Instruments (USA)

Nexxon Limited (UK)

LeydenJar Technologies (Netherlands)

Daejoo Electronic Materials (South Korea)

BTR New Energy Materials (China)

Shanshan Technology (China)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Porous Silicon Anode market?

What factors are driving Porous Silicon Anode market growth, globally and by region?

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

How do Porous Silicon Anode market opportunities vary by end market size?

How does Porous Silicon Anode 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 Porous Silicon Anode Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Porous Silicon Anode by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Porous Silicon Anode by Country/Region, 2021, 2025 & 2032
- 2.2 Porous Silicon Anode Segment by Type
 - 2.2.1 Crystalline Porous Silicon Anode
 - 2.2.2 Amorphous Porous Silicon Anode
 - 2.2.3 Porous Silicon Anode Sales by Type
 - 2.2.3.1 Global Porous Silicon Anode Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Porous Silicon Anode Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Porous Silicon Anode Sale Price by Type (2021-2026)
- 2.3 Porous Silicon Anode Segment by Pore Structure
 - 2.3.1 Microporous Silicon (50 nm)
 - 2.3.4 Hierarchical Porous Silicon
 - 2.3.5 Porous Silicon Anode Sales by Pore Structure
 - 2.3.5.1 Global Porous Silicon Anode Sales Market Share by Pore Structure (2021-2026)
 - 2.3.5.2 Global Porous Silicon Anode Revenue and Market Share by Pore Structure (2021-2026)
 - 2.3.5.3 Global Porous Silicon Anode Sale Price by Pore Structure (2021-2026)
- 2.4 Porous Silicon Anode Segment by Application

- 2.4.1 Electric Vehicle
- 2.4.2 Consumer Electronic
- 2.4.3 Energy Storage System
- 2.4.4 Aerospace & Defense
- 2.4.5 Others
- 2.4.6 Porous Silicon Anode Sales by Application
 - 2.4.6.1 Global Porous Silicon Anode Sale Market Share by Application (2021-2026)
 - 2.4.6.2 Global Porous Silicon Anode Revenue and Market Share by Application (2021-2026)
 - 2.4.6.3 Global Porous Silicon Anode Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

- 3.1 Global Porous Silicon Anode Breakdown Data by Company
 - 3.1.1 Global Porous Silicon Anode Annual Sales by Company (2021-2026)
 - 3.1.2 Global Porous Silicon Anode Sales Market Share by Company (2021-2026)
- 3.2 Global Porous Silicon Anode Annual Revenue by Company (2021-2026)
 - 3.2.1 Global Porous Silicon Anode Revenue by Company (2021-2026)
 - 3.2.2 Global Porous Silicon Anode Revenue Market Share by Company (2021-2026)
- 3.3 Global Porous Silicon Anode Sale Price by Company
- 3.4 Key Manufacturers Porous Silicon Anode Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Porous Silicon Anode Product Location Distribution
 - 3.4.2 Players Porous Silicon Anode 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 POROUS SILICON ANODE BY GEOGRAPHIC REGION

- 4.1 World Historic Porous Silicon Anode Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Porous Silicon Anode Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Porous Silicon Anode Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Porous Silicon Anode Market Size by Country/Region (2021-2026)

- 4.2.1 Global Porous Silicon Anode Annual Sales by Country/Region (2021-2026)
- 4.2.2 Global Porous Silicon Anode Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Porous Silicon Anode Sales Growth
- 4.4 APAC Porous Silicon Anode Sales Growth
- 4.5 Europe Porous Silicon Anode Sales Growth
- 4.6 Middle East & Africa Porous Silicon Anode Sales Growth

5 AMERICAS

- 5.1 Americas Porous Silicon Anode Sales by Country
 - 5.1.1 Americas Porous Silicon Anode Sales by Country (2021-2026)
 - 5.1.2 Americas Porous Silicon Anode Revenue by Country (2021-2026)
- 5.2 Americas Porous Silicon Anode Sales by Type (2021-2026)
- 5.3 Americas Porous Silicon Anode Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Porous Silicon Anode Sales by Region
 - 6.1.1 APAC Porous Silicon Anode Sales by Region (2021-2026)
 - 6.1.2 APAC Porous Silicon Anode Revenue by Region (2021-2026)
- 6.2 APAC Porous Silicon Anode Sales by Type (2021-2026)
- 6.3 APAC Porous Silicon Anode 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 Porous Silicon Anode by Country
 - 7.1.1 Europe Porous Silicon Anode Sales by Country (2021-2026)
 - 7.1.2 Europe Porous Silicon Anode Revenue by Country (2021-2026)

- 7.2 Europe Porous Silicon Anode Sales by Type (2021-2026)
- 7.3 Europe Porous Silicon Anode 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 Porous Silicon Anode by Country
 - 8.1.1 Middle East & Africa Porous Silicon Anode Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Porous Silicon Anode Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Porous Silicon Anode Sales by Type (2021-2026)
- 8.3 Middle East & Africa Porous Silicon Anode 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 Porous Silicon Anode
- 10.3 Manufacturing Process Analysis of Porous Silicon Anode
- 10.4 Industry Chain Structure of Porous Silicon Anode

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels

11.2 Porous Silicon Anode Distributors

11.3 Porous Silicon Anode Customer

12 WORLD FORECAST REVIEW FOR POROUS SILICON ANODE BY GEOGRAPHIC REGION

12.1 Global Porous Silicon Anode Market Size Forecast by Region

12.1.1 Global Porous Silicon Anode Forecast by Region (2027-2032)

12.1.2 Global Porous Silicon Anode 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 Porous Silicon Anode Forecast by Type (2027-2032)

12.7 Global Porous Silicon Anode Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Sila Nanotechnologies (USA)

13.1.1 Sila Nanotechnologies (USA) Company Information

13.1.2 Sila Nanotechnologies (USA) Porous Silicon Anode Product Portfolios and Specifications

13.1.3 Sila Nanotechnologies (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Sila Nanotechnologies (USA) Main Business Overview

13.1.5 Sila Nanotechnologies (USA) Latest Developments

13.2 Amprius Technologies (USA)

13.2.1 Amprius Technologies (USA) Company Information

13.2.2 Amprius Technologies (USA) Porous Silicon Anode Product Portfolios and Specifications

13.2.3 Amprius Technologies (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Amprius Technologies (USA) Main Business Overview

13.2.5 Amprius Technologies (USA) Latest Developments

13.3 Group14 Technologies (USA)

13.3.1 Group14 Technologies (USA) Company Information

13.3.2 Group14 Technologies (USA) Porous Silicon Anode Product Portfolios and Specifications

13.3.3 Group14 Technologies (USA) Porous Silicon Anode Sales, Revenue, Price and

Gross Margin (2021-2026)

13.3.4 Group14 Technologies (USA) Main Business Overview

13.3.5 Group14 Technologies (USA) Latest Developments

13.4 Enevate Corporation (USA)

13.4.1 Enevate Corporation (USA) Company Information

13.4.2 Enevate Corporation (USA) Porous Silicon Anode Product Portfolios and Specifications

13.4.3 Enevate Corporation (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Enevate Corporation (USA) Main Business Overview

13.4.5 Enevate Corporation (USA) Latest Developments

13.5 NanoGraf Corporation (USA)

13.5.1 NanoGraf Corporation (USA) Company Information

13.5.2 NanoGraf Corporation (USA) Porous Silicon Anode Product Portfolios and Specifications

13.5.3 NanoGraf Corporation (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 NanoGraf Corporation (USA) Main Business Overview

13.5.5 NanoGraf Corporation (USA) Latest Developments

13.6 OneD Battery Sciences (USA)

13.6.1 OneD Battery Sciences (USA) Company Information

13.6.2 OneD Battery Sciences (USA) Porous Silicon Anode Product Portfolios and Specifications

13.6.3 OneD Battery Sciences (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 OneD Battery Sciences (USA) Main Business Overview

13.6.5 OneD Battery Sciences (USA) Latest Developments

13.7 Nanotek Instruments (USA)

13.7.1 Nanotek Instruments (USA) Company Information

13.7.2 Nanotek Instruments (USA) Porous Silicon Anode Product Portfolios and Specifications

13.7.3 Nanotek Instruments (USA) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Nanotek Instruments (USA) Main Business Overview

13.7.5 Nanotek Instruments (USA) Latest Developments

13.8 Nexeon Limited (UK)

13.8.1 Nexeon Limited (UK) Company Information

13.8.2 Nexeon Limited (UK) Porous Silicon Anode Product Portfolios and Specifications

13.8.3 Nexeon Limited (UK) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Nexeon Limited (UK) Main Business Overview

13.8.5 Nexeon Limited (UK) Latest Developments

13.9 LeydenJar Technologies (Netherlands)

13.9.1 LeydenJar Technologies (Netherlands) Company Information

13.9.2 LeydenJar Technologies (Netherlands) Porous Silicon Anode Product Portfolios and Specifications

13.9.3 LeydenJar Technologies (Netherlands) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 LeydenJar Technologies (Netherlands) Main Business Overview

13.9.5 LeydenJar Technologies (Netherlands) Latest Developments

13.10 Daejoo Electronic Materials (South Korea)

13.10.1 Daejoo Electronic Materials (South Korea) Company Information

13.10.2 Daejoo Electronic Materials (South Korea) Porous Silicon Anode Product Portfolios and Specifications

13.10.3 Daejoo Electronic Materials (South Korea) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Daejoo Electronic Materials (South Korea) Main Business Overview

13.10.5 Daejoo Electronic Materials (South Korea) Latest Developments

13.11 BTR New Energy Materials (China)

13.11.1 BTR New Energy Materials (China) Company Information

13.11.2 BTR New Energy Materials (China) Porous Silicon Anode Product Portfolios and Specifications

13.11.3 BTR New Energy Materials (China) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 BTR New Energy Materials (China) Main Business Overview

13.11.5 BTR New Energy Materials (China) Latest Developments

13.12 Shanshan Technology (China)

13.12.1 Shanshan Technology (China) Company Information

13.12.2 Shanshan Technology (China) Porous Silicon Anode Product Portfolios and Specifications

13.12.3 Shanshan Technology (China) Porous Silicon Anode Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Shanshan Technology (China) Main Business Overview

13.12.5 Shanshan Technology (China) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Porous Silicon Anode Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Porous Silicon Anode Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Crystalline Porous Silicon Anode

Table 4. Major Players of Amorphous Porous Silicon Anode

Table 5. Global Porous Silicon Anode Sales by Type (2021-2026) & (Tons)

Table 6. Global Porous Silicon Anode Sales Market Share by Type (2021-2026)

Table 7. Global Porous Silicon Anode Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Porous Silicon Anode Revenue Market Share by Type (2021-2026)

Table 9. Global Porous Silicon Anode Sale Price by Type (2021-2026) & (US\$/Ton)

Table 10. Major Players of Microporous Silicon (50 nm)

Table 13. Major Players of Hierarchical Porous Silicon

Table 14. Global Porous Silicon Anode Sales by Pore Structure (2021-2026) & (Tons)

Table 15. Global Porous Silicon Anode Sales Market Share by Pore Structure (2021-2026)

Table 16. Global Porous Silicon Anode Revenue by Pore Structure (2021-2026) & (\$ million)

Table 17. Global Porous Silicon Anode Revenue Market Share by Pore Structure (2021-2026)

Table 18. Global Porous Silicon Anode Sale Price by Pore Structure (2021-2026) & (US\$/Ton)

Table 19. Global Porous Silicon Anode Sale by Application (2021-2026) & (Tons)

Table 20. Global Porous Silicon Anode Sale Market Share by Application (2021-2026)

Table 21. Global Porous Silicon Anode Revenue by Application (2021-2026) & (\$ million)

Table 22. Global Porous Silicon Anode Revenue Market Share by Application (2021-2026)

Table 23. Global Porous Silicon Anode Sale Price by Application (2021-2026) & (US\$/Ton)

Table 24. Global Porous Silicon Anode Sales by Company (2021-2026) & (Tons)

Table 25. Global Porous Silicon Anode Sales Market Share by Company (2021-2026)

Table 26. Global Porous Silicon Anode Revenue by Company (2021-2026) & (\$ millions)

Table 27. Global Porous Silicon Anode Revenue Market Share by Company

(2021-2026)

Table 28. Global Porous Silicon Anode Sale Price by Company (2021-2026) & (US\$/Ton)

Table 29. Key Manufacturers Porous Silicon Anode Producing Area Distribution and Sales Area

Table 30. Players Porous Silicon Anode Products Offered

Table 31. Porous Silicon Anode Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 32. New Products and Potential Entrants

Table 33. Market M&A Activity & Strategy

Table 34. Global Porous Silicon Anode Sales by Geographic Region (2021-2026) & (Tons)

Table 35. Global Porous Silicon Anode Sales Market Share Geographic Region (2021-2026)

Table 36. Global Porous Silicon Anode Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 37. Global Porous Silicon Anode Revenue Market Share by Geographic Region (2021-2026)

Table 38. Global Porous Silicon Anode Sales by Country/Region (2021-2026) & (Tons)

Table 39. Global Porous Silicon Anode Sales Market Share by Country/Region (2021-2026)

Table 40. Global Porous Silicon Anode Revenue by Country/Region (2021-2026) & (\$ millions)

Table 41. Global Porous Silicon Anode Revenue Market Share by Country/Region (2021-2026)

Table 42. Americas Porous Silicon Anode Sales by Country (2021-2026) & (Tons)

Table 43. Americas Porous Silicon Anode Sales Market Share by Country (2021-2026)

Table 44. Americas Porous Silicon Anode Revenue by Country (2021-2026) & (\$ millions)

Table 45. Americas Porous Silicon Anode Sales by Type (2021-2026) & (Tons)

Table 46. Americas Porous Silicon Anode Sales by Application (2021-2026) & (Tons)

Table 47. APAC Porous Silicon Anode Sales by Region (2021-2026) & (Tons)

Table 48. APAC Porous Silicon Anode Sales Market Share by Region (2021-2026)

Table 49. APAC Porous Silicon Anode Revenue by Region (2021-2026) & (\$ millions)

Table 50. APAC Porous Silicon Anode Sales by Type (2021-2026) & (Tons)

Table 51. APAC Porous Silicon Anode Sales by Application (2021-2026) & (Tons)

Table 52. Europe Porous Silicon Anode Sales by Country (2021-2026) & (Tons)

Table 53. Europe Porous Silicon Anode Revenue by Country (2021-2026) & (\$ millions)

Table 54. Europe Porous Silicon Anode Sales by Type (2021-2026) & (Tons)

- Table 55. Europe Porous Silicon Anode Sales by Application (2021-2026) & (Tons)
- Table 56. Middle East & Africa Porous Silicon Anode Sales by Country (2021-2026) & (Tons)
- Table 57. Middle East & Africa Porous Silicon Anode Revenue Market Share by Country (2021-2026)
- Table 58. Middle East & Africa Porous Silicon Anode Sales by Type (2021-2026) & (Tons)
- Table 59. Middle East & Africa Porous Silicon Anode Sales by Application (2021-2026) & (Tons)
- Table 60. Key Market Drivers & Growth Opportunities of Porous Silicon Anode
- Table 61. Key Market Challenges & Risks of Porous Silicon Anode
- Table 62. Key Industry Trends of Porous Silicon Anode
- Table 63. Porous Silicon Anode Raw Material
- Table 64. Key Suppliers of Raw Materials
- Table 65. Porous Silicon Anode Distributors List
- Table 66. Porous Silicon Anode Customer List
- Table 67. Global Porous Silicon Anode Sales Forecast by Region (2027-2032) & (Tons)
- Table 68. Global Porous Silicon Anode Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 69. Americas Porous Silicon Anode Sales Forecast by Country (2027-2032) & (Tons)
- Table 70. Americas Porous Silicon Anode Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 71. APAC Porous Silicon Anode Sales Forecast by Region (2027-2032) & (Tons)
- Table 72. APAC Porous Silicon Anode Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 73. Europe Porous Silicon Anode Sales Forecast by Country (2027-2032) & (Tons)
- Table 74. Europe Porous Silicon Anode Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 75. Middle East & Africa Porous Silicon Anode Sales Forecast by Country (2027-2032) & (Tons)
- Table 76. Middle East & Africa Porous Silicon Anode Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 77. Global Porous Silicon Anode Sales Forecast by Type (2027-2032) & (Tons)
- Table 78. Global Porous Silicon Anode Revenue Forecast by Type (2027-2032) & (\$ millions)
- Table 79. Global Porous Silicon Anode Sales Forecast by Application (2027-2032) & (Tons)

Table 80. Global Porous Silicon Anode Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 81. Sila Nanotechnologies (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 82. Sila Nanotechnologies (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 83. Sila Nanotechnologies (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 84. Sila Nanotechnologies (USA) Main Business

Table 85. Sila Nanotechnologies (USA) Latest Developments

Table 86. Amprius Technologies (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 87. Amprius Technologies (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 88. Amprius Technologies (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 89. Amprius Technologies (USA) Main Business

Table 90. Amprius Technologies (USA) Latest Developments

Table 91. Group14 Technologies (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 92. Group14 Technologies (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 93. Group14 Technologies (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 94. Group14 Technologies (USA) Main Business

Table 95. Group14 Technologies (USA) Latest Developments

Table 96. Enevate Corporation (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 97. Enevate Corporation (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 98. Enevate Corporation (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 99. Enevate Corporation (USA) Main Business

Table 100. Enevate Corporation (USA) Latest Developments

Table 101. NanoGraf Corporation (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 102. NanoGraf Corporation (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 103. NanoGraf Corporation (USA) Porous Silicon Anode Sales (Tons), Revenue

(\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 104. NanoGraf Corporation (USA) Main Business

Table 105. NanoGraf Corporation (USA) Latest Developments

Table 106. OneD Battery Sciences (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 107. OneD Battery Sciences (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 108. OneD Battery Sciences (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 109. OneD Battery Sciences (USA) Main Business

Table 110. OneD Battery Sciences (USA) Latest Developments

Table 111. Nanotek Instruments (USA) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 112. Nanotek Instruments (USA) Porous Silicon Anode Product Portfolios and Specifications

Table 113. Nanotek Instruments (USA) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 114. Nanotek Instruments (USA) Main Business

Table 115. Nanotek Instruments (USA) Latest Developments

Table 116. Nexeon Limited (UK) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 117. Nexeon Limited (UK) Porous Silicon Anode Product Portfolios and Specifications

Table 118. Nexeon Limited (UK) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 119. Nexeon Limited (UK) Main Business

Table 120. Nexeon Limited (UK) Latest Developments

Table 121. LeydenJar Technologies (Netherlands) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 122. LeydenJar Technologies (Netherlands) Porous Silicon Anode Product Portfolios and Specifications

Table 123. LeydenJar Technologies (Netherlands) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 124. LeydenJar Technologies (Netherlands) Main Business

Table 125. LeydenJar Technologies (Netherlands) Latest Developments

Table 126. Daejoo Electronic Materials (South Korea) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 127. Daejoo Electronic Materials (South Korea) Porous Silicon Anode Product Portfolios and Specifications

Table 128. Daejoo Electronic Materials (South Korea) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 129. Daejoo Electronic Materials (South Korea) Main Business

Table 130. Daejoo Electronic Materials (South Korea) Latest Developments

Table 131. BTR New Energy Materials (China) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 132. BTR New Energy Materials (China) Porous Silicon Anode Product Portfolios and Specifications

Table 133. BTR New Energy Materials (China) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 134. BTR New Energy Materials (China) Main Business

Table 135. BTR New Energy Materials (China) Latest Developments

Table 136. Shanshan Technology (China) Basic Information, Porous Silicon Anode Manufacturing Base, Sales Area and Its Competitors

Table 137. Shanshan Technology (China) Porous Silicon Anode Product Portfolios and Specifications

Table 138. Shanshan Technology (China) Porous Silicon Anode Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 139. Shanshan Technology (China) Main Business

Table 140. Shanshan Technology (China) Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Porous Silicon Anode
- Figure 2. Porous Silicon Anode Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Porous Silicon Anode Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Porous Silicon Anode Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Porous Silicon Anode Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Porous Silicon Anode Sales Market Share by Country/Region (2025)
- Figure 10. Porous Silicon Anode Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Crystalline Porous Silicon Anode
- Figure 12. Product Picture of Amorphous Porous Silicon Anode
- Figure 13. Global Porous Silicon Anode Sales Market Share by Type in 2026
- Figure 14. Global Porous Silicon Anode Revenue Market Share by Type (2021-2026)
- Figure 15. Product Picture of Microporous Silicon (50 nm)
- Figure 18. Product Picture of Hierarchical Porous Silicon
- Figure 19. Global Porous Silicon Anode Sales Market Share by Pore Structure in 2026
- Figure 20. Global Porous Silicon Anode Revenue Market Share by Pore Structure (2021-2026)
- Figure 21. Porous Silicon Anode Consumed in Electric Vehicle
- Figure 22. Global Porous Silicon Anode Market: Electric Vehicle (2021-2026) & (Tons)
- Figure 23. Porous Silicon Anode Consumed in Consumer Electronic
- Figure 24. Global Porous Silicon Anode Market: Consumer Electronic (2021-2026) & (Tons)
- Figure 25. Porous Silicon Anode Consumed in Energy Storage System
- Figure 26. Global Porous Silicon Anode Market: Energy Storage System (2021-2026) & (Tons)
- Figure 27. Porous Silicon Anode Consumed in Aerospace & Defense
- Figure 28. Global Porous Silicon Anode Market: Aerospace & Defense (2021-2026) & (Tons)
- Figure 29. Porous Silicon Anode Consumed in Others
- Figure 30. Global Porous Silicon Anode Market: Others (2021-2026) & (Tons)
- Figure 31. Global Porous Silicon Anode Sale Market Share by Application (2025)

- Figure 32. Global Porous Silicon Anode Revenue Market Share by Application in 2025
- Figure 33. Porous Silicon Anode Sales by Company in 2025 (Tons)
- Figure 34. Global Porous Silicon Anode Sales Market Share by Company in 2025
- Figure 35. Porous Silicon Anode Revenue by Company in 2025 (\$ millions)
- Figure 36. Global Porous Silicon Anode Revenue Market Share by Company in 2025
- Figure 37. Global Porous Silicon Anode Sales Market Share by Geographic Region (2021-2026)
- Figure 38. Global Porous Silicon Anode Revenue Market Share by Geographic Region in 2025
- Figure 39. Americas Porous Silicon Anode Sales 2021-2026 (Tons)
- Figure 40. Americas Porous Silicon Anode Revenue 2021-2026 (\$ millions)
- Figure 41. APAC Porous Silicon Anode Sales 2021-2026 (Tons)
- Figure 42. APAC Porous Silicon Anode Revenue 2021-2026 (\$ millions)
- Figure 43. Europe Porous Silicon Anode Sales 2021-2026 (Tons)
- Figure 44. Europe Porous Silicon Anode Revenue 2021-2026 (\$ millions)
- Figure 45. Middle East & Africa Porous Silicon Anode Sales 2021-2026 (Tons)
- Figure 46. Middle East & Africa Porous Silicon Anode Revenue 2021-2026 (\$ millions)
- Figure 47. Americas Porous Silicon Anode Sales Market Share by Country in 2025
- Figure 48. Americas Porous Silicon Anode Revenue Market Share by Country (2021-2026)
- Figure 49. Americas Porous Silicon Anode Sales Market Share by Type (2021-2026)
- Figure 50. Americas Porous Silicon Anode Sales Market Share by Application (2021-2026)
- Figure 51. United States Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 52. Canada Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 53. Mexico Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 54. Brazil Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 55. APAC Porous Silicon Anode Sales Market Share by Region in 2025
- Figure 56. APAC Porous Silicon Anode Revenue Market Share by Region (2021-2026)
- Figure 57. APAC Porous Silicon Anode Sales Market Share by Type (2021-2026)
- Figure 58. APAC Porous Silicon Anode Sales Market Share by Application (2021-2026)
- Figure 59. China Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 60. Japan Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 61. South Korea Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 62. Southeast Asia Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 63. India Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 64. Australia Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)
- Figure 65. China Taiwan Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 66. Europe Porous Silicon Anode Sales Market Share by Country in 2025

Figure 67. Europe Porous Silicon Anode Revenue Market Share by Country (2021-2026)

Figure 68. Europe Porous Silicon Anode Sales Market Share by Type (2021-2026)

Figure 69. Europe Porous Silicon Anode Sales Market Share by Application (2021-2026)

Figure 70. Germany Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 71. France Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 72. UK Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 73. Italy Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 74. Russia Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 75. Middle East & Africa Porous Silicon Anode Sales Market Share by Country (2021-2026)

Figure 76. Middle East & Africa Porous Silicon Anode Sales Market Share by Type (2021-2026)

Figure 77. Middle East & Africa Porous Silicon Anode Sales Market Share by Application (2021-2026)

Figure 78. Egypt Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 79. South Africa Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 80. Israel Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 81. Turkey Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 82. GCC Countries Porous Silicon Anode Revenue Growth 2021-2026 (\$ millions)

Figure 83. Manufacturing Cost Structure Analysis of Porous Silicon Anode in 2026

Figure 84. Manufacturing Process Analysis of Porous Silicon Anode

Figure 85. Industry Chain Structure of Porous Silicon Anode

Figure 86. Channels of Distribution

Figure 87. Global Porous Silicon Anode Sales Market Forecast by Region (2027-2032)

Figure 88. Global Porous Silicon Anode Revenue Market Share Forecast by Region (2027-2032)

Figure 89. Global Porous Silicon Anode Sales Market Share Forecast by Type (2027-2032)

Figure 90. Global Porous Silicon Anode Revenue Market Share Forecast by Type (2027-2032)

Figure 91. Global Porous Silicon Anode Sales Market Share Forecast by Application (2027-2032)

Figure 92. Global Porous Silicon Anode Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Porous Silicon Anode Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G83FDE9F5165EN.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/G83FDE9F5165EN.html>