+357 96 030922
info@marketpublishers.com

# Global Porous Silicon Anode Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/G06AFF506BFAEN.html
Date: May 2026
Pages: 113
Price: US$ 3,480.00 (Single User License)
ID: G06AFF506BFAEN

## Abstracts

According to our (Global Info Research) latest study, the global Porous Silicon Anode market size was valued at US$ 1320 million in 2025 and is forecast to a readjusted size of US$ 4464 million by 2032 with a CAGR of 18.9% during review period.

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%.

This report is a detailed and comprehensive analysis for global Porous Silicon Anode

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 Porous Silicon Anode market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Porous Silicon Anode market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Porous Silicon Anode market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Porous Silicon Anode market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), and ASP (US$/Ton), 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 Porous Silicon Anode

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 Porous Silicon Anode 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 Sila Nanotechnologies (USA), Amprius Technologies (USA), Group14 Technologies (USA), Enevate Corporation (USA),

NanoGraf Corporation (USA), OneD Battery Sciences (USA), Nanotek Instruments (USA), Nexeon Limited (UK), LeydenJar Technologies (Netherlands), Daejoo Electronic Materials (South Korea), etc.

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

**Market Segmentation**

Porous Silicon Anode 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

Crystalline Porous Silicon Anode

Amorphous Porous Silicon Anode

Market segment by Pore Structure

Microporous Silicon (50 nm)

Hierarchical Porous Silicon

Market segment by Application

Electric Vehicle

Consumer Electronic

Energy Storage System

Aerospace & Defense

Others

+357 96 030922
info@marketpublishers.com

Major players covered

- Sila Nanotechnologies (USA)
- Amprius Technologies (USA)
- Group14 Technologies (USA)
- Enevate Corporation (USA)
- NanoGraf Corporation (USA)
- OneD Battery Sciences (USA)
- Nanotek Instruments (USA)
- Nexeon Limited (UK)
- LeydenJar Technologies (Netherlands)
- Daejoo Electronic Materials (South Korea)
- BTR New Energy Materials (China)
- Shanshan Technology (China)

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)

+357 96 030922
info@marketpublishers.com

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 Porous Silicon Anode product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Porous Silicon Anode, with price, sales quantity, revenue, and global market share of Porous Silicon Anode from 2021 to 2026.

Chapter 3, the Porous Silicon Anode competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Porous Silicon Anode 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 Porous Silicon Anode 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 Porous Silicon Anode.

Chapter 14 and 15, to describe Porous Silicon Anode sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

# 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 Porous Silicon Anode Consumption Value by Type: 2021 Versus 2025 Versus 2032
  1.3.2 Crystalline Porous Silicon Anode
  1.3.3 Amorphous Porous Silicon Anode
1.4 Market Analysis by Pore Structure
  1.4.1 Overview: Global Porous Silicon Anode Consumption Value by Pore Structure: 2021 Versus 2025 Versus 2032
  1.4.2 Microporous Silicon (50 nm)
  1.4.5 Hierarchical Porous Silicon
1.5 Market Analysis by Application
  1.5.1 Overview: Global Porous Silicon Anode Consumption Value by Application: 2021 Versus 2025 Versus 2032
  1.5.2 Electric Vehicle
  1.5.3 Consumer Electronic
  1.5.4 Energy Storage System
  1.5.5 Aerospace & Defense
  1.5.6 Others
1.6 Global Porous Silicon Anode Market Size & Forecast
  1.6.1 Global Porous Silicon Anode Consumption Value (2021 & 2025 & 2032)
  1.6.2 Global Porous Silicon Anode Sales Quantity (2021-2032)
  1.6.3 Global Porous Silicon Anode Average Price (2021-2032)

**2 MANUFACTURERS PROFILES**

2.1 Sila Nanotechnologies (USA)
  2.1.1 Sila Nanotechnologies (USA) Details
  2.1.2 Sila Nanotechnologies (USA) Major Business
  2.1.3 Sila Nanotechnologies (USA) Porous Silicon Anode Product and Services
  2.1.4 Sila Nanotechnologies (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  2.1.5 Sila Nanotechnologies (USA) Recent Developments/Updates
2.2 Amprius Technologies (USA)

2.2.1 Amprius Technologies (USA) Details
2.2.2 Amprius Technologies (USA) Major Business
2.2.3 Amprius Technologies (USA) Porous Silicon Anode Product and Services
2.2.4 Amprius Technologies (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.2.5 Amprius Technologies (USA) Recent Developments/Updates
2.3 Group14 Technologies (USA)
2.3.1 Group14 Technologies (USA) Details
2.3.2 Group14 Technologies (USA) Major Business
2.3.3 Group14 Technologies (USA) Porous Silicon Anode Product and Services
2.3.4 Group14 Technologies (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.3.5 Group14 Technologies (USA) Recent Developments/Updates
2.4 Enevate Corporation (USA)
2.4.1 Enevate Corporation (USA) Details
2.4.2 Enevate Corporation (USA) Major Business
2.4.3 Enevate Corporation (USA) Porous Silicon Anode Product and Services
2.4.4 Enevate Corporation (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.4.5 Enevate Corporation (USA) Recent Developments/Updates
2.5 NanoGraf Corporation (USA)
2.5.1 NanoGraf Corporation (USA) Details
2.5.2 NanoGraf Corporation (USA) Major Business
2.5.3 NanoGraf Corporation (USA) Porous Silicon Anode Product and Services
2.5.4 NanoGraf Corporation (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.5.5 NanoGraf Corporation (USA) Recent Developments/Updates
2.6 OneD Battery Sciences (USA)
2.6.1 OneD Battery Sciences (USA) Details
2.6.2 OneD Battery Sciences (USA) Major Business
2.6.3 OneD Battery Sciences (USA) Porous Silicon Anode Product and Services
2.6.4 OneD Battery Sciences (USA) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.6.5 OneD Battery Sciences (USA) Recent Developments/Updates
2.7 Nanotek Instruments (USA)
2.7.1 Nanotek Instruments (USA) Details
2.7.2 Nanotek Instruments (USA) Major Business
2.7.3 Nanotek Instruments (USA) Porous Silicon Anode Product and Services
2.7.4 Nanotek Instruments (USA) Porous Silicon Anode Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2021-2026)
2.7.5 Nanotek Instruments (USA) Recent Developments/Updates
2.8 Nexeon Limited (UK)
2.8.1 Nexeon Limited (UK) Details
2.8.2 Nexeon Limited (UK) Major Business
2.8.3 Nexeon Limited (UK) Porous Silicon Anode Product and Services
2.8.4 Nexeon Limited (UK) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.8.5 Nexeon Limited (UK) Recent Developments/Updates
2.9 LeydenJar Technologies (Netherlands)
2.9.1 LeydenJar Technologies (Netherlands) Details
2.9.2 LeydenJar Technologies (Netherlands) Major Business
2.9.3 LeydenJar Technologies (Netherlands) Porous Silicon Anode Product and Services
2.9.4 LeydenJar Technologies (Netherlands) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.9.5 LeydenJar Technologies (Netherlands) Recent Developments/Updates
2.10 Daejoo Electronic Materials (South Korea)
2.10.1 Daejoo Electronic Materials (South Korea) Details
2.10.2 Daejoo Electronic Materials (South Korea) Major Business
2.10.3 Daejoo Electronic Materials (South Korea) Porous Silicon Anode Product and Services
2.10.4 Daejoo Electronic Materials (South Korea) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.10.5 Daejoo Electronic Materials (South Korea) Recent Developments/Updates
2.11 BTR New Energy Materials (China)
2.11.1 BTR New Energy Materials (China) Details
2.11.2 BTR New Energy Materials (China) Major Business
2.11.3 BTR New Energy Materials (China) Porous Silicon Anode Product and Services
2.11.4 BTR New Energy Materials (China) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.11.5 BTR New Energy Materials (China) Recent Developments/Updates
2.12 Shanshan Technology (China)
2.12.1 Shanshan Technology (China) Details
2.12.2 Shanshan Technology (China) Major Business
2.12.3 Shanshan Technology (China) Porous Silicon Anode Product and Services
2.12.4 Shanshan Technology (China) Porous Silicon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.12.5 Shanshan Technology (China) Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

## 3 COMPETITIVE ENVIRONMENT: POROUS SILICON ANODE BY MANUFACTURER

3.1 Global Porous Silicon Anode Sales Quantity by Manufacturer (2021-2026)
3.2 Global Porous Silicon Anode Revenue by Manufacturer (2021-2026)
3.3 Global Porous Silicon Anode Average Price by Manufacturer (2021-2026)
3.4 Market Share Analysis (2025)
3.4.1 Producer Shipments of Porous Silicon Anode by Manufacturer Revenue ($MM) and Market Share (%): 2025
3.4.2 Top 3 Porous Silicon Anode Manufacturer Market Share in 2025
3.4.3 Top 6 Porous Silicon Anode Manufacturer Market Share in 2025
3.5 Porous Silicon Anode Market: Overall Company Footprint Analysis
3.5.1 Porous Silicon Anode Market: Region Footprint
3.5.2 Porous Silicon Anode Market: Company Product Type Footprint
3.5.3 Porous Silicon Anode 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 Porous Silicon Anode Market Size by Region
4.1.1 Global Porous Silicon Anode Sales Quantity by Region (2021-2032)
4.1.2 Global Porous Silicon Anode Consumption Value by Region (2021-2032)
4.1.3 Global Porous Silicon Anode Average Price by Region (2021-2032)
4.2 North America Porous Silicon Anode Consumption Value (2021-2032)
4.3 Europe Porous Silicon Anode Consumption Value (2021-2032)
4.4 Asia-Pacific Porous Silicon Anode Consumption Value (2021-2032)
4.5 South America Porous Silicon Anode Consumption Value (2021-2032)
4.6 Middle East & Africa Porous Silicon Anode Consumption Value (2021-2032)

## 5 MARKET SEGMENT BY TYPE

5.1 Global Porous Silicon Anode Sales Quantity by Type (2021-2032)
5.2 Global Porous Silicon Anode Consumption Value by Type (2021-2032)
5.3 Global Porous Silicon Anode Average Price by Type (2021-2032)

## 6 MARKET SEGMENT BY APPLICATION

6.1 Global Porous Silicon Anode Sales Quantity by Application (2021-2032)

6.2 Global Porous Silicon Anode Consumption Value by Application (2021-2032)
6.3 Global Porous Silicon Anode Average Price by Application (2021-2032)

**7 NORTH AMERICA**

7.1 North America Porous Silicon Anode Sales Quantity by Type (2021-2032)
7.2 North America Porous Silicon Anode Sales Quantity by Application (2021-2032)
7.3 North America Porous Silicon Anode Market Size by Country
7.3.1 North America Porous Silicon Anode Sales Quantity by Country (2021-2032)
7.3.2 North America Porous Silicon Anode 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 Porous Silicon Anode Sales Quantity by Type (2021-2032)
8.2 Europe Porous Silicon Anode Sales Quantity by Application (2021-2032)
8.3 Europe Porous Silicon Anode Market Size by Country
8.3.1 Europe Porous Silicon Anode Sales Quantity by Country (2021-2032)
8.3.2 Europe Porous Silicon Anode 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 Porous Silicon Anode Sales Quantity by Type (2021-2032)
9.2 Asia-Pacific Porous Silicon Anode Sales Quantity by Application (2021-2032)
9.3 Asia-Pacific Porous Silicon Anode Market Size by Region
9.3.1 Asia-Pacific Porous Silicon Anode Sales Quantity by Region (2021-2032)
9.3.2 Asia-Pacific Porous Silicon Anode 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)

+357 96 030922
info@marketpublishers.com

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 Porous Silicon Anode Sales Quantity by Type (2021-2032)
10.2 South America Porous Silicon Anode Sales Quantity by Application (2021-2032)
10.3 South America Porous Silicon Anode Market Size by Country
10.3.1 South America Porous Silicon Anode Sales Quantity by Country (2021-2032)
10.3.2 South America Porous Silicon Anode 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 Porous Silicon Anode Sales Quantity by Type (2021-2032)
11.2 Middle East & Africa Porous Silicon Anode Sales Quantity by Application (2021-2032)
11.3 Middle East & Africa Porous Silicon Anode Market Size by Country
11.3.1 Middle East & Africa Porous Silicon Anode Sales Quantity by Country (2021-2032)
11.3.2 Middle East & Africa Porous Silicon Anode 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 Porous Silicon Anode Market Drivers
12.2 Porous Silicon Anode Market Restraints
12.3 Porous Silicon Anode 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

+357 96 030922
info@marketpublishers.com

12.4.5 Competitive Rivalry

**13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Porous Silicon Anode and Key Manufacturers
13.2 Manufacturing Costs Percentage of Porous Silicon Anode
13.3 Porous Silicon Anode 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 Porous Silicon Anode Typical Distributors
14.3 Porous Silicon Anode Typical Customers

**15 RESEARCH FINDINGS AND CONCLUSION**

**16 APPENDIX**

16.1 Methodology
16.2 Research Process and Data Source
16.3 Disclaimer

+357 96 030922
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

Table 1. Global Porous Silicon Anode Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
Table 2. Global Porous Silicon Anode Consumption Value by Pore Structure, (USD Million), 2021 & 2025 & 2032
Table 3. Global Porous Silicon Anode Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
Table 4. Sila Nanotechnologies (USA) Basic Information, Manufacturing Base and Competitors
Table 5. Sila Nanotechnologies (USA) Major Business
Table 6. Sila Nanotechnologies (USA) Porous Silicon Anode Product and Services
Table 7. Sila Nanotechnologies (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 8. Sila Nanotechnologies (USA) Recent Developments/Updates
Table 9. Amprius Technologies (USA) Basic Information, Manufacturing Base and Competitors
Table 10. Amprius Technologies (USA) Major Business
Table 11. Amprius Technologies (USA) Porous Silicon Anode Product and Services
Table 12. Amprius Technologies (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 13. Amprius Technologies (USA) Recent Developments/Updates
Table 14. Group14 Technologies (USA) Basic Information, Manufacturing Base and Competitors
Table 15. Group14 Technologies (USA) Major Business
Table 16. Group14 Technologies (USA) Porous Silicon Anode Product and Services
Table 17. Group14 Technologies (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 18. Group14 Technologies (USA) Recent Developments/Updates
Table 19. Enevate Corporation (USA) Basic Information, Manufacturing Base and Competitors
Table 20. Enevate Corporation (USA) Major Business
Table 21. Enevate Corporation (USA) Porous Silicon Anode Product and Services
Table 22. Enevate Corporation (USA) Porous Silicon Anode Sales Quantity (Tons),

Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 23. Enevate Corporation (USA) Recent Developments/Updates
Table 24. NanoGraf Corporation (USA) Basic Information, Manufacturing Base and Competitors
Table 25. NanoGraf Corporation (USA) Major Business
Table 26. NanoGraf Corporation (USA) Porous Silicon Anode Product and Services
Table 27. NanoGraf Corporation (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 28. NanoGraf Corporation (USA) Recent Developments/Updates
Table 29. OneD Battery Sciences (USA) Basic Information, Manufacturing Base and Competitors
Table 30. OneD Battery Sciences (USA) Major Business
Table 31. OneD Battery Sciences (USA) Porous Silicon Anode Product and Services
Table 32. OneD Battery Sciences (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 33. OneD Battery Sciences (USA) Recent Developments/Updates
Table 34. Nanotek Instruments (USA) Basic Information, Manufacturing Base and Competitors
Table 35. Nanotek Instruments (USA) Major Business
Table 36. Nanotek Instruments (USA) Porous Silicon Anode Product and Services
Table 37. Nanotek Instruments (USA) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 38. Nanotek Instruments (USA) Recent Developments/Updates
Table 39. Nexeon Limited (UK) Basic Information, Manufacturing Base and Competitors
Table 40. Nexeon Limited (UK) Major Business
Table 41. Nexeon Limited (UK) Porous Silicon Anode Product and Services
Table 42. Nexeon Limited (UK) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 43. Nexeon Limited (UK) Recent Developments/Updates
Table 44. LeydenJar Technologies (Netherlands) Basic Information, Manufacturing Base and Competitors
Table 45. LeydenJar Technologies (Netherlands) Major Business
Table 46. LeydenJar Technologies (Netherlands) Porous Silicon Anode Product and Services
Table 47. LeydenJar Technologies (Netherlands) Porous Silicon Anode Sales Quantity

(Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 48. LeydenJar Technologies (Netherlands) Recent Developments/Updates
Table 49. Daejoo Electronic Materials (South Korea) Basic Information, Manufacturing Base and Competitors
Table 50. Daejoo Electronic Materials (South Korea) Major Business
Table 51. Daejoo Electronic Materials (South Korea) Porous Silicon Anode Product and Services
Table 52. Daejoo Electronic Materials (South Korea) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 53. Daejoo Electronic Materials (South Korea) Recent Developments/Updates
Table 54. BTR New Energy Materials (China) Basic Information, Manufacturing Base and Competitors
Table 55. BTR New Energy Materials (China) Major Business
Table 56. BTR New Energy Materials (China) Porous Silicon Anode Product and Services
Table 57. BTR New Energy Materials (China) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 58. BTR New Energy Materials (China) Recent Developments/Updates
Table 59. Shanshan Technology (China) Basic Information, Manufacturing Base and Competitors
Table 60. Shanshan Technology (China) Major Business
Table 61. Shanshan Technology (China) Porous Silicon Anode Product and Services
Table 62. Shanshan Technology (China) Porous Silicon Anode Sales Quantity (Tons), Average Price (US$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 63. Shanshan Technology (China) Recent Developments/Updates
Table 64. Global Porous Silicon Anode Sales Quantity by Manufacturer (2021-2026) & (Tons)
Table 65. Global Porous Silicon Anode Revenue by Manufacturer (2021-2026) & (USD Million)
Table 66. Global Porous Silicon Anode Average Price by Manufacturer (2021-2026) & (US$/Ton)
Table 67. Market Position of Manufacturers in Porous Silicon Anode, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 68. Head Office and Porous Silicon Anode Production Site of Key Manufacturer
Table 69. Porous Silicon Anode Market: Company Product Type Footprint

+357 96 030922
info@marketpublishers.com

Table 70. Porous Silicon Anode Market: Company Product Application Footprint
Table 71. Porous Silicon Anode New Market Entrants and Barriers to Market Entry
Table 72. Porous Silicon Anode Mergers, Acquisition, Agreements, and Collaborations
Table 73. Global Porous Silicon Anode Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 74. Global Porous Silicon Anode Sales Quantity by Region (2021-2026) & (Tons)
Table 75. Global Porous Silicon Anode Sales Quantity by Region (2027-2032) & (Tons)
Table 76. Global Porous Silicon Anode Consumption Value by Region (2021-2026) & (USD Million)
Table 77. Global Porous Silicon Anode Consumption Value by Region (2027-2032) & (USD Million)
Table 78. Global Porous Silicon Anode Average Price by Region (2021-2026) & (US$/Ton)
Table 79. Global Porous Silicon Anode Average Price by Region (2027-2032) & (US$/Ton)
Table 80. Global Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)
Table 81. Global Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 82. Global Porous Silicon Anode Consumption Value by Type (2021-2026) & (USD Million)
Table 83. Global Porous Silicon Anode Consumption Value by Type (2027-2032) & (USD Million)
Table 84. Global Porous Silicon Anode Average Price by Type (2021-2026) & (US$/Ton)
Table 85. Global Porous Silicon Anode Average Price by Type (2027-2032) & (US$/Ton)
Table 86. Global Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 87. Global Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 88. Global Porous Silicon Anode Consumption Value by Application (2021-2026) & (USD Million)
Table 89. Global Porous Silicon Anode Consumption Value by Application (2027-2032) & (USD Million)
Table 90. Global Porous Silicon Anode Average Price by Application (2021-2026) & (US$/Ton)
Table 91. Global Porous Silicon Anode Average Price by Application (2027-2032) & (US$/Ton)
Table 92. North America Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)

Table 93. North America Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 94. North America Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 95. North America Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 96. North America Porous Silicon Anode Sales Quantity by Country (2021-2026) & (Tons)
Table 97. North America Porous Silicon Anode Sales Quantity by Country (2027-2032) & (Tons)
Table 98. North America Porous Silicon Anode Consumption Value by Country (2021-2026) & (USD Million)
Table 99. North America Porous Silicon Anode Consumption Value by Country (2027-2032) & (USD Million)
Table 100. Europe Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)
Table 101. Europe Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 102. Europe Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 103. Europe Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 104. Europe Porous Silicon Anode Sales Quantity by Country (2021-2026) & (Tons)
Table 105. Europe Porous Silicon Anode Sales Quantity by Country (2027-2032) & (Tons)
Table 106. Europe Porous Silicon Anode Consumption Value by Country (2021-2026) & (USD Million)
Table 107. Europe Porous Silicon Anode Consumption Value by Country (2027-2032) & (USD Million)
Table 108. Asia-Pacific Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)
Table 109. Asia-Pacific Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 110. Asia-Pacific Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 111. Asia-Pacific Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 112. Asia-Pacific Porous Silicon Anode Sales Quantity by Region (2021-2026) & (Tons)
Table 113. Asia-Pacific Porous Silicon Anode Sales Quantity by Region (2027-2032) &

(Tons)
Table 114. Asia-Pacific Porous Silicon Anode Consumption Value by Region (2021-2026) & (USD Million)
Table 115. Asia-Pacific Porous Silicon Anode Consumption Value by Region (2027-2032) & (USD Million)
Table 116. South America Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)
Table 117. South America Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 118. South America Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 119. South America Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 120. South America Porous Silicon Anode Sales Quantity by Country (2021-2026) & (Tons)
Table 121. South America Porous Silicon Anode Sales Quantity by Country (2027-2032) & (Tons)
Table 122. South America Porous Silicon Anode Consumption Value by Country (2021-2026) & (USD Million)
Table 123. South America Porous Silicon Anode Consumption Value by Country (2027-2032) & (USD Million)
Table 124. Middle East & Africa Porous Silicon Anode Sales Quantity by Type (2021-2026) & (Tons)
Table 125. Middle East & Africa Porous Silicon Anode Sales Quantity by Type (2027-2032) & (Tons)
Table 126. Middle East & Africa Porous Silicon Anode Sales Quantity by Application (2021-2026) & (Tons)
Table 127. Middle East & Africa Porous Silicon Anode Sales Quantity by Application (2027-2032) & (Tons)
Table 128. Middle East & Africa Porous Silicon Anode Sales Quantity by Country (2021-2026) & (Tons)
Table 129. Middle East & Africa Porous Silicon Anode Sales Quantity by Country (2027-2032) & (Tons)
Table 130. Middle East & Africa Porous Silicon Anode Consumption Value by Country (2021-2026) & (USD Million)
Table 131. Middle East & Africa Porous Silicon Anode Consumption Value by Country (2027-2032) & (USD Million)
Table 132. Porous Silicon Anode Raw Material
Table 133. Key Manufacturers of Porous Silicon Anode Raw Materials

+357 96 030922
info@marketpublishers.com

Table 134. Porous Silicon Anode Typical Distributors
Table 135. Porous Silicon Anode Typical Customers

+357 96 030922
info@marketpublishers.com

# List Of Figures

## LIST OF FIGURES

Figure 1. Porous Silicon Anode Picture
Figure 2. Global Porous Silicon Anode Revenue by Type, (USD Million), 2021 & 2025 & 2032
Figure 3. Global Porous Silicon Anode Revenue Market Share by Type in 2025
Figure 4. Crystalline Porous Silicon Anode Examples
Figure 5. Amorphous Porous Silicon Anode Examples
Figure 6. Global Porous Silicon Anode Revenue by Pore Structure, (USD Million), 2021 & 2025 & 2032
Figure 7. Global Porous Silicon Anode Revenue Market Share by Pore Structure in 2025
Figure 8. Microporous Silicon (50 nm) Examples
Figure 11. Hierarchical Porous Silicon Examples
Figure 12. Global Porous Silicon Anode Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 13. Global Porous Silicon Anode Revenue Market Share by Application in 2025
Figure 14. Electric Vehicle Examples
Figure 15. Consumer Electronic Examples
Figure 16. Energy Storage System Examples
Figure 17. Aerospace & Defense Examples
Figure 18. Others Examples
Figure 19. Global Porous Silicon Anode Consumption Value, (USD Million): 2021 & 2025 & 2032
Figure 20. Global Porous Silicon Anode Consumption Value and Forecast (2021-2032) & (USD Million)
Figure 21. Global Porous Silicon Anode Sales Quantity (2021-2032) & (Tons)
Figure 22. Global Porous Silicon Anode Price (2021-2032) & (US$/Ton)
Figure 23. Global Porous Silicon Anode Sales Quantity Market Share by Manufacturer in 2025
Figure 24. Global Porous Silicon Anode Revenue Market Share by Manufacturer in 2025
Figure 25. Producer Shipments of Porous Silicon Anode by Manufacturer Sales ($MM) and Market Share (%): 2025
Figure 26. Top 3 Porous Silicon Anode Manufacturer (Revenue) Market Share in 2025
Figure 27. Top 6 Porous Silicon Anode Manufacturer (Revenue) Market Share in 2025
Figure 28. Global Porous Silicon Anode Sales Quantity Market Share by Region

(2021-2032)
Figure 29. Global Porous Silicon Anode Consumption Value Market Share by Region (2021-2032)
Figure 30. North America Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 31. Europe Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 32. Asia-Pacific Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 33. South America Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 34. Middle East & Africa Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 35. Global Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 36. Global Porous Silicon Anode Consumption Value Market Share by Type (2021-2032)
Figure 37. Global Porous Silicon Anode Average Price by Type (2021-2032) & (US$/Ton)
Figure 38. Global Porous Silicon Anode Sales Quantity Market Share by Application (2021-2032)
Figure 39. Global Porous Silicon Anode Revenue Market Share by Application (2021-2032)
Figure 40. Global Porous Silicon Anode Average Price by Application (2021-2032) & (US$/Ton)
Figure 41. North America Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 42. North America Porous Silicon Anode Sales Quantity Market Share by Application (2021-2032)
Figure 43. North America Porous Silicon Anode Sales Quantity Market Share by Country (2021-2032)
Figure 44. North America Porous Silicon Anode Consumption Value Market Share by Country (2021-2032)
Figure 45. United States Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 46. Canada Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 47. Mexico Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)

Figure 48. Europe Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 49. Europe Porous Silicon Anode Sales Quantity Market Share by Application (2021-2032)
Figure 50. Europe Porous Silicon Anode Sales Quantity Market Share by Country (2021-2032)
Figure 51. Europe Porous Silicon Anode Consumption Value Market Share by Country (2021-2032)
Figure 52. Germany Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 53. France Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 54. United Kingdom Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 55. Russia Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 56. Italy Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 57. Asia-Pacific Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 58. Asia-Pacific Porous Silicon Anode Sales Quantity Market Share by Application (2021-2032)
Figure 59. Asia-Pacific Porous Silicon Anode Sales Quantity Market Share by Region (2021-2032)
Figure 60. Asia-Pacific Porous Silicon Anode Consumption Value Market Share by Region (2021-2032)
Figure 61. China Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 62. Japan Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 63. South Korea Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 64. India Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 65. Southeast Asia Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 66. Australia Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 67. South America Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 68. South America Porous Silicon Anode Sales Quantity Market Share by

+357 96 030922
info@marketpublishers.com

Application (2021-2032)
Figure 69. South America Porous Silicon Anode Sales Quantity Market Share by Country (2021-2032)
Figure 70. South America Porous Silicon Anode Consumption Value Market Share by Country (2021-2032)
Figure 71. Brazil Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 72. Argentina Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 73. Middle East & Africa Porous Silicon Anode Sales Quantity Market Share by Type (2021-2032)
Figure 74. Middle East & Africa Porous Silicon Anode Sales Quantity Market Share by Application (2021-2032)
Figure 75. Middle East & Africa Porous Silicon Anode Sales Quantity Market Share by Country (2021-2032)
Figure 76. Middle East & Africa Porous Silicon Anode Consumption Value Market Share by Country (2021-2032)
Figure 77. Turkey Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 78. Egypt Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 79. Saudi Arabia Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 80. South Africa Porous Silicon Anode Consumption Value (2021-2032) & (USD Million)
Figure 81. Porous Silicon Anode Market Drivers
Figure 82. Porous Silicon Anode Market Restraints
Figure 83. Porous Silicon Anode Market Trends
Figure 84. Porters Five Forces Analysis
Figure 85. Manufacturing Cost Structure Analysis of Porous Silicon Anode in 2025
Figure 86. Manufacturing Process Analysis of Porous Silicon Anode
Figure 87. Porous Silicon Anode Industrial Chain
Figure 88. Sales Channel: Direct to End-User vs Distributors
Figure 89. Direct Channel Pros & Cons
Figure 90. Indirect Channel Pros & Cons
Figure 91. Methodology
Figure 92. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Global Porous Silicon Anode Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/G06AFF506BFAEN.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/G06AFF506BFAEN.html