

# Silicon-based Anode for Lithium Battery Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/S20BFDEF1CC1EN.html>

Date: June 2022

Pages: 90

Price: US\$ 3,250.00 (Single User License)

ID: S20BFDEF1CC1EN

## Abstracts

This report contains market size and forecasts of Silicon-based Anode for Lithium Battery in Global, including the following market information:

Global Silicon-based Anode for Lithium Battery Market Size 2023-2028, (\$ millions)

The global Silicon-based Anode for Lithium Battery market is projected to reach US\$ million by 2028.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon-based Anode for Lithium Battery companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Silicon-based Anode for Lithium Battery Market, by Type, 2023-2028 (\$ millions)

Global Silicon-based Anode for Lithium Battery Market Segment Percentages, by Type

SiO/C

Si/C

Global Silicon-based Anode for Lithium Battery Market, by Application, 2023-2028 (\$ millions)

## Global Silicon-based Anode for Lithium Battery Market Segment Percentages, by Application

Automotive

Consumer Electronics

Aviation

Energy

Medical Devices

Others

## Global Silicon-based Anode for Lithium Battery Market, By Region and Country, 2023-2028 (\$ Millions)

## Global Silicon-based Anode for Lithium Battery Market Segment Percentages, By Region and Country

United States

Europe

Asia

China

Rest of World

## Competitor Analysis

The report also provides analysis of leading market participants including:

Further, the report presents profiles of competitors in the market, key players include:

Amprius Technologies

Enovix

Huawei

Enevate

Nanotek Instruments

Nexeon

LeydenJar Technologies

Targray Technology International

XG Sciences

Sila Nanotechnologies

Group14 Technologies

E-magy

NanoPow

NanoGraf Corporation

Sicona Battery Technology

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Silicon-based Anode for Lithium Battery Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Silicon-based Anode for Lithium Battery Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL SILICON-BASED ANODE FOR LITHIUM BATTERY OVERALL MARKET SIZE**

- 2.1 Global Silicon-based Anode for Lithium Battery Market Size: 2022 VS 2028
- 2.2 Global Silicon-based Anode for Lithium Battery Market Size, Prospects & Forecasts: 2022-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Key Silicon-based Anode for Lithium Battery Players in Global Market
- 3.2 Global Companies Silicon-based Anode for Lithium Battery Product & Technology

### **4 PLAYERS PROFILES**

- 4.1 Amprius Technologies
  - 4.1.1 Amprius Technologies Corporate Summary
  - 4.1.2 Amprius Technologies Business Overview
  - 4.1.3 Amprius Technologies Silicon-based Anode for Lithium Battery Product Offerings & Technology

- 4.1.4 Amprius Technologies Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.2 Enovix
  - 4.2.1 Enovix Corporate Summary
  - 4.2.2 Enovix Business Overview
  - 4.2.3 Enovix Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.2.4 Enovix Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.3 Huawei
  - 4.3.1 Huawei Corporate Summary
  - 4.3.2 Huawei Business Overview
  - 4.3.3 Huawei Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.3.4 Huawei Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.4 Enevate
  - 4.4.1 Enevate Corporate Summary
  - 4.4.2 Enevate Business Overview
  - 4.4.3 Enevate Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.4.4 Enevate Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.5 Nanotek Instruments
  - 4.5.1 Nanotek Instruments Corporate Summary
  - 4.5.2 Nanotek Instruments Business Overview
  - 4.5.3 Nanotek Instruments Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.5.4 Nanotek Instruments Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.6 Nexeon
  - 4.6.1 Nexeon Corporate Summary
  - 4.6.2 Nexeon Business Overview
  - 4.6.3 Nexeon Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.6.4 Nexeon Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.7 LeydenJar Technologies
  - 4.7.1 LeydenJar Technologies Corporate Summary
  - 4.7.2 LeydenJar Technologies Business Overview
  - 4.7.3 LeydenJar Technologies Silicon-based Anode for Lithium Battery Product Offerings & Technology
  - 4.7.4 LeydenJar Technologies Silicon-based Anode for Lithium Battery R&D, and Plans
- 4.8 Targray Technology International
  - 4.8.1 Targray Technology International Corporate Summary
  - 4.8.2 Targray Technology International Business Overview
  - 4.8.3 Targray Technology International Silicon-based Anode for Lithium Battery

## Product Offerings & Technology

4.8.4 Targray Technology International Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.9 XG Sciences

4.9.1 XG Sciences Corporate Summary

4.9.2 XG Sciences Business Overview

4.9.3 XG Sciences Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.9.4 XG Sciences Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.10 Sila Nanotechnologies

4.10.1 Sila Nanotechnologies Corporate Summary

4.10.2 Sila Nanotechnologies Business Overview

4.10.3 Sila Nanotechnologies Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.10.4 Sila Nanotechnologies Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.11 Group14 Technologies

4.11.1 Group14 Technologies Corporate Summary

4.11.2 Group14 Technologies Business Overview

4.11.3 Group14 Technologies Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.11.4 Group14 Technologies Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.12 E-magy

4.12.1 E-magy Corporate Summary

4.12.2 E-magy Business Overview

4.12.3 E-magy Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.12.4 E-magy Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.13 NanoPow

4.13.1 NanoPow Corporate Summary

4.13.2 NanoPow Business Overview

4.13.3 NanoPow Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.13.4 NanoPow Silicon-based Anode for Lithium Battery R&D, and Plans

## 4.14 NanoGraf Corporation

4.14.1 NanoGraf Corporation Corporate Summary

4.14.2 NanoGraf Corporation Business Overview

4.14.3 NanoGraf Corporation Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.14.4 NanoGraf Corporation Silicon-based Anode for Lithium Battery R&D, and Plans

#### 4.15 Sicona Battery Technology

4.15.1 Sicona Battery Technology Corporate Summary

4.15.2 Sicona Battery Technology Business Overview

4.15.3 Sicona Battery Technology Silicon-based Anode for Lithium Battery Product Offerings & Technology

4.15.4 Sicona Battery Technology Silicon-based Anode for Lithium Battery R&D, and Plans

### **5 SIGHTS BY REGION**

5.1 By Region - Global Silicon-based Anode for Lithium Battery Market Size, 2023 & 2028

5.2 By Region - Global Silicon-based Anode for Lithium Battery Revenue, (2023-2028)

5.3 United States

5.3.1 Key Players of Silicon-based Anode for Lithium Battery in United States

5.3.2 United States Silicon-based Anode for Lithium Battery Development Current Situation and Forecast

5.4 Europe

5.4.1 Key Players of Silicon-based Anode for Lithium Battery in Europe

5.4.2 Europe Silicon-based Anode for Lithium Battery Development Current Situation and Forecast

5.5 China

5.5.1 Key Players of Silicon-based Anode for Lithium Battery in China

5.5.2 China Silicon-based Anode for Lithium Battery Development Current Situation and Forecast

5.6 Rest of World

### **6 SIGHTS BY PRODUCT**

6.1 by Type - Global Silicon-based Anode for Lithium Battery Market Size Markets, 2023 & 2028

6.2 SiO/C

6.3 Si/C

### **7 SIGHTS BY APPLICATION**

7.1 By Application - Global Silicon-based Anode for Lithium Battery Market Size, 2023 & 2028

7.2 Automotive

7.3 Consumer Electronics

7.4 Aviation

7.5 Energy

7.6 Medical Devices

7.7 Others

## **8 CONCLUSION**

## **9 APPENDIX**

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Silicon-based Anode for Lithium Battery Market Opportunities & Trends in Global Market

Table 2. Silicon-based Anode for Lithium Battery Market Drivers in Global Market

Table 3. Silicon-based Anode for Lithium Battery Market Restraints in Global Market

Table 4. Key Players of Silicon-based Anode for Lithium Battery in Global Market

Table 5. Global Companies Silicon-based Anode for Lithium Battery Product & Technology

Table 6. Amprius Technologies Corporate Summary

Table 7. Amprius Technologies Silicon-based Anode for Lithium Battery Product Offerings

Table 8. Enovix Corporate Summary

Table 9. Enovix Silicon-based Anode for Lithium Battery Product Offerings

Table 10. Huawei Corporate Summary

Table 11. Huawei Silicon-based Anode for Lithium Battery Product Offerings

Table 12. Enevate Corporate Summary

Table 13. Enevate Silicon-based Anode for Lithium Battery Product Offerings

Table 14. Nanotek Instruments Corporate Summary

Table 15. Nanotek Instruments Silicon-based Anode for Lithium Battery Product Offerings

Table 16. Nexeon Corporate Summary

Table 17. Nexeon Silicon-based Anode for Lithium Battery Product Offerings

Table 18. LeydenJar Technologies Corporate Summary

Table 19. LeydenJar Technologies Silicon-based Anode for Lithium Battery Product Offerings

Table 20. Targray Technology International Corporate Summary

Table 21. Targray Technology International Silicon-based Anode for Lithium Battery Product Offerings

Table 22. XG Sciences Corporate Summary

Table 23. XG Sciences Silicon-based Anode for Lithium Battery Product Offerings

Table 24. Sila Nanotechnologies Corporate Summary

Table 25. Sila Nanotechnologies Silicon-based Anode for Lithium Battery Product Offerings

Table 26. Group14 Technologies Corporate Summary

Table 27. Group14 Technologies Silicon-based Anode for Lithium Battery Product Offerings

Table 28. E-magy Corporate Summary

Table 29. E-magy Silicon-based Anode for Lithium Battery Product Offerings

Table 30. NanoPow Corporate Summary

Table 31. NanoPow Silicon-based Anode for Lithium Battery Product Offerings

Table 32. NanoGraf Corporation Corporate Summary

Table 33. NanoGraf Corporation Silicon-based Anode for Lithium Battery Product Offerings

Table 34. Sicona Battery Technology Corporate Summary

Table 35. Sicona Battery Technology Silicon-based Anode for Lithium Battery Product Offerings

Table 36. By Region– Global Silicon-based Anode for Lithium Battery Revenue, (US\$, Mn), 2023 & 2028

Table 37. By Region - Global Silicon-based Anode for Lithium Battery Revenue, (US\$, Mn), 2023-2028

Table 38. By Type – Global Silicon-based Anode for Lithium Battery Market Size, (US\$, Mn), 2023 & 2028

Table 39. By Application– Global Silicon-based Anode for Lithium Battery Market Size, (US\$, Mn), 2023 & 2028

## List Of Figures

### LIST OF FIGURES

- Figure 1. Silicon-based Anode for Lithium Battery Segment by Type in 2021
- Figure 2. Silicon-based Anode for Lithium Battery Segment by Application in 2021
- Figure 3. Global Silicon-based Anode for Lithium Battery Market Overview: 2022
- Figure 4. Key Caveats
- Figure 5. Global Silicon-based Anode for Lithium Battery Market Size: 2022 VS 2028 (US\$, Mn)
- Figure 6. Global Silicon-based Anode for Lithium Battery Revenue, 2017-2028 (US\$, Mn)
- Figure 7. By Region - Global Silicon-based Anode for Lithium Battery Revenue Market Share, 2023-2028
- Figure 8. By Type - Global Silicon-based Anode for Lithium Battery Revenue Market Share, 2023-2028
- Figure 9. By Application - Global Silicon-based Anode for Lithium Battery Revenue Market Share, 2023-2028

## I would like to order

Product name: Silicon-based Anode for Lithium Battery Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/S20BFDEF1CC1EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S20BFDEF1CC1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970