

# **Global Sodium-Ion Battery Patent Intelligence 2026 – Strategic Analysis of Patent Landscape, Innovation Trends, Intellectual Property, Technology Domains, and Future Outlook**

<https://marketpublishers.com/r/SDC2DF2E3FB2EN.html>

Date: September 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: SDC2DF2E3FB2EN

## **Abstracts**

The Global Sodium-Ion Battery Patent Intelligence report provides an in-depth analysis of the intellectual property landscape within the global sodium-ion battery industry by evaluating patent filing activities, technology innovation trends, patent ownership, research activities, and emerging innovation domains. The report enables organizations to monitor technology leadership, assess competitive intellectual property positions, identify licensing opportunities, and support strategic decisions related to research, product development, and technology commercialization.

The study examines global patent portfolios across sodium-ion battery cathode technologies, anode technologies, electrolyte technologies, separator technologies, manufacturing technologies, and next-generation sodium-ion battery platforms. It also analyzes patent filing trends, leading patent holders, technology domains, citation analysis, geographic distribution, and emerging innovators to provide actionable intelligence on the evolving sodium-ion battery innovation ecosystem.

The report further highlights patent commercialization opportunities, licensing activities, research collaborations, and future technology directions to help organizations strengthen innovation strategies and intellectual property portfolios.

## **Key Coverage**

Sodium-ion battery patent landscape

Patent filing trends

Technology domain analysis

Leading patent holders

Patent portfolio benchmarking

Geographic patent distribution

Citation analysis

Licensing landscape

White-space opportunities

Future patent outlook

## **Target Audience**

Chief Intellectual Property Officers (CIPOs)

Intellectual Property & Patent Teams

Research & Development (R&D) Teams

Sodium-Ion Battery Technology Developers

Innovation Management Teams

Technology Scouting Teams

Product Development Teams

Battery Manufacturers

Battery Material Suppliers

Universities & Research Institutions

Government & Research Organizations

Technology Transfer Offices

Investment & Venture Capital Firms

Legal & Licensing Professionals

## **What This Report Offers**

Comprehensive sodium-ion battery patent landscape assessment

Patent filing and publication trend analysis

Patent portfolio benchmarking

Leading patent holder and assignee analysis

Sodium-ion battery technology domain analysis

Geographic patent distribution assessment

Patent citation and quality analysis

Inventor and innovation activity assessment

Licensing and patent commercialization insights

Freedom-to-operate intelligence

Emerging innovation and white-space opportunity identification

Future intellectual property and technology outlook

## **Key Companies Covered (Illustrative)**

Contemporary Amperex Technology

BYD Company

HiNa Battery Technology

Natron Energy

Faradion

Tiamat

Altris

Northvolt

Reliance Industries

EVE Energy

Gotion High-tech

Great Power

Sunwoda Electronic

Pylontech

And other leading patent holders and industry participants.

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 RESEARCH METHODOLOGY**

- 2.1 Research Methodology
- 2.2 Research Objectives
- 2.3 Data Sources
- 2.4 Scope of the Study
- 2.5 Assumptions & Limitations

### **3 PATENT LANDSCAPE OVERVIEW**

- 3.1 Sodium-Ion Battery Industry Overview
- 3.2 Sodium-Ion Battery Technology Landscape
- 3.3 Patent Ecosystem
- 3.4 Patent Classification
- 3.5 Innovation Drivers
- 3.6 Regulatory Framework
- 3.7 IP Trends

### **4 GLOBAL PATENT LANDSCAPE**

- 4.1 Patent Filing Trends
- 4.2 Patent Publications
- 4.3 Granted Patents
- 4.4 Patent Families
- 4.5 Geographic Distribution
- 4.6 Technology Domains

### **5 PATENT PORTFOLIO BENCHMARKING**

- 5.1 Leading Patent Holders
- 5.2 Company Patent Comparison
- 5.3 University Patent Activity
- 5.4 Research Institute Patent Activity
- 5.5 Startup Patent Activity
- 5.6 Patent Quality Assessment

## **6 TECHNOLOGY DOMAIN ANALYSIS**

- 6.1 Sodium-Ion Battery Cathode Technologies
- 6.2 Sodium-Ion Battery Anode Technologies
- 6.3 Sodium-Ion Battery Electrolyte Technologies
- 6.4 Sodium-Ion Battery Separator Technologies
- 6.5 Sodium-Ion Battery Manufacturing Technologies
- 6.6 Next-Generation Sodium-Ion Battery Technologies

## **7 PATENT INTELLIGENCE**

- 7.1 Citation Analysis
- 7.2 Inventor Analysis
- 7.3 Assignee Analysis
- 7.4 Patent Expiry Analysis
- 7.5 Licensing Landscape
- 7.6 Freedom-to-Operate Overview

## **8 STRATEGIC DEVELOPMENTS**

- 8.1 Licensing Agreements
- 8.2 Patent Acquisitions
- 8.3 Cross-Licensing Activities
- 8.4 Technology Partnerships
- 8.5 Government Programs
- 8.6 Future IP Strategies

## **9 REGIONAL PATENT ANALYSIS**

- 9.1 North America
- 9.2 Europe
- 9.3 China
- 9.4 Japan
- 9.5 South Korea
- 9.6 India
- 9.7 Southeast Asia
- 9.8 Other Regions

## **10 EMERGING INNOVATORS**

- 10.1 High-Growth Companies
- 10.2 University Spin-offs
- 10.3 Startups by Region
- 10.4 Venture Capital Activity
- 10.5 Unicorn Tracking
- 10.6 Disruptive Technologies

## **11 FUTURE TECHNOLOGY OUTLOOK**

- 11.1 White Space Analysis
- 11.2 Threat Analysis
- 11.3 Opportunity Mapping
- 11.4 Future Leaders
- 11.5 Strategic Recommendations

## **12 COMPANY PROFILES**

- 12.1 Contemporary Amperex Technology
- 12.2 BYD Company
- 12.3 HiNa Battery Technology
- 12.4 Natron Energy
- 12.5 Faradion
- 12.6 Tiamat
- 12.7 Altris
- 12.8 Northvolt
- 12.9 Reliance Industries
- 12.10 EVE Energy
- 12.11 Gotion High-tech
- 12.12 Great Power
- 12.13 Sunwoda Electronic
- 12.14 Pylontech
- 12.15 Farasis Energy
- 12.16 AMTE Power
- 12.17 Toshiba
- 12.18 Panasonic Holdings
- 12.19 Sumitomo Electric Industries
- 12.20 Hitachi Zosen

- 12.21 NGK Insulators
- 12.22 CATL New Energy Technology
- 12.23 Hubei Zhongke HaiNa Technology
- 12.24 Jiangsu Transimage Technology
- 12.25 Clarios

## **13 LIST OF TABLES**

- Table 1 Sodium-Ion Battery Patent Landscape Overview
- Table 2 Patent Filing and Publication Trends
- Table 3 Leading Patent Holders
- Table 4 Patent Portfolio Comparison
- Table 5 Patent Distribution by Technology Domain
- Table 6 Geographic Patent Distribution
- Table 7 Patent Citation and Quality Comparison
- Table 8 Emerging Sodium-Ion Battery Patent Innovators

## **14 LIST OF FIGURES**

- Fig 1 Sodium-Ion Battery Patent Ecosystem
- Fig 2 Global Patent Filing Landscape
- Fig 3 Patent Filing Trend
- Fig 4 Patent Technology Domain Distribution
- Fig 5 Leading Patent Holders
- Fig 6 Geographic Patent Distribution
- Fig 7 Patent Citation and Innovation Network
- Fig 8 Emerging Sodium-Ion Battery Technology Patent Landscape

## I would like to order

Product name: Global Sodium-Ion Battery Patent Intelligence 2026 – Strategic Analysis of Patent Landscape, Innovation Trends, Intellectual Property, Technology Domains, and Future Outlook

Product link: <https://marketpublishers.com/r/SDC2DF2E3FB2EN.html>

Price: US\$ 4,150.00 (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/SDC2DF2E3FB2EN.html>