

Silicon Anode Battery - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Silicon Anode Battery market is expected to grow from \$96.50 million in 2016 to reach \$1044.96 million by 2023 with a CAGR of 40.5 %. Increasing R&D initiatives by manufacturers to design batteries, applications of silicon anode batteries in various industries and growing demand for eco-friendly electric vehicles are some of the key factors driving the market growth. Limited commercialization of the product due to large volume expansion is hampering the market growth.

By application the consumer electronics segment holds the largest market share and is anticipated to remain dominant throughout the forecast period owing to increasing popularity of smartphones. These batteries provide energy storage, increase the cycle life, safety and reliability of the electronic equipments. Geographically, North America accounted the largest market share owing to major growth in the automotive and consumer electronics sector. In addition, major manufacturing industries of silicon anode are using lithium-ion batteries for electric vehicle production.

Some of the key players in the Silicon Anode Battery market are LG Chem Ltd, Panasonic Corporation, BYD Co. Ltd, Samsung SDI, XG Sciences, Inc, Nexeon Limited, Amprius, Inc, California Lithium Battery, Inc, Boston-Power, Inc, Enovix Corporation, OneD Material, Connexx System, Zeptor Corporation, JTT Electronics Ltd and Enevate Corporation.

Types Covered:

Prismatic

Pouch

Cylindrical

Applications Covered:

Medical Devices

Energy Harvesting

Industrial

Sustainable Energy

Automobile

Space & defense

Other Applications

Capacities Covered:

1500 mAh to 2500 mAh

2500 mAh and Above

Less than 1500 mAh

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends.

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