

Global Next Generation Batteries Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to this study, the global Next Generation Batteries market size will reach US\$ 14230 million by 2030.

Currently, there is question about whether lithium-ion batteries (LIBs) reached their technical limit. Shortcomings including high costs, inadequate energy densities, long recharge times, short cycle-life times, and safety are the big problems. Thus, considerable basic research is being directed toward battery improvements to meet ever-increasing energy demands.

Coordinated efforts in fundamental research and advanced engineering are needed to effectively combine new materials, electrode architectures, and manufacturing technologies. The Next-Generation Battery Research includes Advances in Material, Chemical, and Electrochemical Engineering conference spans the continuum from basic materials research, electrochemical engineering, and diagnostics to advance battery performance.

This report presents a comprehensive overview, market shares, and growth opportunities of Next Generation Batteries market by product type, application, key players and key regions and countries.

Segmentation by product type:

Li-Ion Batteries

Ni-Cd Batteries

Ni-Metal Hydride

Lithium Sulfur

Magnesium Ion

Solid Electrodes

Metal Air

Ultra-Capacitors

Segmentation by Application:

Automotive

Aerospace & Defense

Consumer Electronics

Industrial

Oil & Gas

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Sion Power

Envia Systems

Ambri

Hitachi

Fluidic Energy

LG Chemicals

Phinergy

Samsung

Saft Group

Amprion

Mitsubishi Chemical

Seeo

Lockheed Martin

Uniross Batteries

PolyPlus Transfection

OXIS Energy

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