

2018 Top 5 Next-Generation Advanced Batteries Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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Despite the progress made to date by commercially available lithium ion (Li-ion), advanced lead-acid, flow, and molten salt batteries, the path toward the commercialization of new battery chemistries continues. The next-generation advanced battery chemistries at laboratory-scale research or pilot-scale production levels today include lithium sulfur (Li-S), lithium solid-state (Li-SS), next-generation flow, and metal-air. Their advent is occurring alongside an enormous growth in the world's appetite for advanced energy storage devices. Increasingly, this will include electric vehicles, energy storage and consumer electronics.

Batteries are advancing on two fronts, reflecting in increased specific energy for longer runtimes and improved specific power for high-current load requirements. Improving one characteristic of a battery may not automatically strengthen the other and there is often a compromise.

Over the next five years, LPI(LP Information) projects that Next-Generation Advanced Batteries will register a 85.0% CAGR in terms of revenue, reach US\$ 1490 million by 2023, from US\$ 37 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

OXIS Energy

PATHION

Sion Power

GS Yuasa

Nohm Technologies

PolyPlus

Lockheed Martin

Pellion Technologies

Seeo

Solid Power

Amprius

24M

Phinergy

Fluidic Energy

Maxwell

Ambri

ESS

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Lithium Sulfur

Magnesium Ion

Solid Electrodes

Metal-Air

Ultracapacitors

Others

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Transportation

Energy Storage

Consumer Electronic

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