All-Solid-State Battery 2018 Global Market Size, Status, Analysis and Forecast 2023

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Global All-Solid-State Battery Market

WiseGuyRerports.com Presents “Global All-Solid-State Battery Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023” New Document to its Studies Database. The Report Contain 102 Pages With Detailed Analysis.

Description

Chemical energy storage, including lead acid batteries, nickel system batteries, and lithium ion batteries (LiBs), is considered to be the most promising energy storage technology for industrialization. Among these, LiBs have many advantages such as light weight, high energy density, high power density, and long life, and they are overwhelmingly preferred by designers for use in portable electronic devices such as cell phones and laptops. However, overcharging or short-circuiting can lead to high temperature and result in fire or explosion due to the presence of flammable organic electrolytes. Fires and explosions of LiBs have been reported throughout the world. The developments of electric vehicles (EVs) and large-scale energy storage devices for new kinds of power stations greatly expand the market for LiBs, meanwhile, stricter safety requirements apply to LiBs. Since large numbers of LiBs are packed together in EVs or power stations, fire or explosion in an LiB could be disastrous. Safety has become the main obstacle for the wide application of LiBs. To meet this issue, All-Solid-State Battery have entered the field.

Scope of the Report:
This report focuses on the All-Solid-State Battery in global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, types and applications.

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Market Segment by Manufacturers, this report covers
BMW
Hyundai
Dyson
Apple
CATL
Bolloré
Toyota
Panasonic

Jiawei
Bosch
Quantum Scape
Ilika
Excellatron Solid State
Cymbet
Solid Power
Mitsui Kinzoku
Samsung
ProLogium
Front Edge Technology

Market Segment by Regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia and Italy)
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
South America (Brazil, Argentina, Colombia)
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers
Polymer-Based All-Solid-State Battery
All-Solid-State Battery with Inorganic Solid Electrolytes

Market Segment by Applications, can be divided into
Consumer Electronics
Electric Vehicle
Aerospace
Others

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