

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Battery Energy Storage Systems for Smart Grid Market 2018, Forecast to 2023

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Abstracts

Owing to the growing consumption of power across the globe, there is a greater need for energy storage as distributed generation. Distributed generation produces power close to the areas where it is consumed so that the distance is reduced, resulting in less transmission and distribution losses. Distributed Energy Resources (DER) will be increasingly used to meet the future electricity demands for residential and industrial customers, utilities and commercial customers. The growing requirement to mitigate the power transmission and distribution losses will propel the demand for distributed generation during the forecast period.

Scope of the Report:

This report focuses on the Battery Energy Storage Systems for Smart Grid in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Key factors such as the aging power infrastructure, need for mitigation of cybersecurity risks and accumulation of new resources to the grid has propelled the grid manufacturing companies to opt for ways to make the grid reliable, protect it against cybersecurity, and increase flexibility to make rapid changes according to supply and demand conditions. Many utilities are implementing smart grids that use digital and IT systems to manage the power flow efficiently and effectively. The Americas dominated the battery energy storage market for smart grid and accounted for most of the total market share. Much of the region's growth can be attributed to the increasing use of

smart grids and the increasing need for energy storage for distributed systems. The worldwide market for Battery Energy Storage Systems for Smart Grid is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Siemens

ABB

Samsung SDI

GEAlstom

A123

Bosch

BYD

AES Energy Storage

LG Chem

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 etc.)

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

Market Segment by Type, covers

Secondary Batteries

Flow Batteries

Others

Market Segment by Applications, can be divided into

Energy Management

Backup Power

Voltage Support

Load Leveling

Others

There are 15 Chapters to deeply display the global Battery Energy Storage Systems for Smart Grid market.

Chapter 1, to describe Battery Energy Storage Systems for Smart Grid Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of Battery Energy Storage Systems for Smart Grid, with sales, revenue, and price of Battery Energy Storage Systems for Smart Grid, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Battery Energy Storage Systems for Smart Grid, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Battery Energy Storage Systems for Smart Grid market forecast, by

regions, type and application, with sales and revenue, from 2018 to 2023;
Chapter 13, 14 and 15, to describe Battery Energy Storage Systems for Smart Grid
sales channel, distributors, traders, dealers, Research Findings and Conclusion,
appendix and data source

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