

Global Flow Batteries Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G33E9AA30D1EN.html>

Date: August 2018

Pages: 139

Price: US\$ 3,480.00 (Single User License)

ID: G33E9AA30D1EN

Abstracts

A flow battery, or redox flow battery, is a type of electrochemical cell where chemical energy is provided by two chemical components dissolved in liquids contained within the system and separated by a membrane.

SCOPE OF THE REPORT:

This report focuses on the Flow Batteries 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.

New electricity generating capacity of local renewable energy producers, such as solar and wind, which experience fluctuating power output will generate the need for flow batteries? storage systems as they provide frequency regulation and voltage support for utilities.

In the coming years, Western Europe, Japan and United States are expected to register significant growth, due to growing environmental concerns and significant demand for industrial applications.

APEJ is expected to register significant growth due to the growing demand for flow batteries from end user applications in developing countries, such as China and India. The APEJ market is expected to witness significant growth in the coming years, owing to frequent power outages in the countries and ongoing investment in large scale energy storage systems.

The worldwide market for Flow Batteries 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

EnerVault

Imergy Power Systems

Primus Power

Prudent Energy

Aquion Energy

EnSync Energy Systems

Redflow

Sumitomo Electric

UniEnergy Technologies

Vionx Energy

ESS

Gildemeister Energy Solutions

RedFlow

redT Energy

SCHMID

ViZn Energy

EnSync Energy

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

Redox

Hybrid

Membrane Less

Market Segment by Applications, can be divided into

Power

Automotive

Industrial

Residential

Others

There are 15 Chapters to deeply display the global Flow Batteries market.

Chapter 1, to describe Flow Batteries Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Flow Batteries, with sales, revenue, and

price of Flow Batteries, 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 Flow Batteries, 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, Flow Batteries market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Flow Batteries sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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