

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Flow Battery Market 2018, Forecast to 2023

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Abstracts

A flow battery, or redox flow battery (after reduction–oxidation), 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. Ion exchange (accompanied by flow of electric current) occurs through the membrane while both liquids circulate in their own respective space. Cell voltage is chemically determined by the Nernst equation and ranges, in practical applications, from 1.0 to 2.2 volts.

Scope of the Report:

This report focuses on the Flow Battery 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. Asia-Pacific is anticipated to dominate the global flow battery market owing to the increasing renewable power plants in countries such as Japan, China. The worldwide market for Flow Battery 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

ESS

GILDEMEISTER

Primus Power

RedFlow

redT

SCHMID

Sumitomo

UniEnergy

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

Market Segment by Applications, can be divided into

Utilities

Commercial & Industrial

Military

EV Charging Station

Others

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

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

Chapter 2, to analyze the top manufacturers of Flow Battery, with sales, revenue, and price of Flow Battery, 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 Battery, 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 Battery market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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