

EMEA (Europe, Middle East and Africa) Vanadium Redox Battery (VRB) Market 2017 Forecast to 2022

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Abstracts

The vanadium redox battery (VRB) (or Vanadium flow battery) is a type of rechargeable flow battery that employs vanadium ions in different oxidation states to store chemical potential energy. The vanadium redox battery exploits the ability of vanadium to exist in solution in four different oxidation states, and uses this property to make a battery that has just one electro active element instead of two. For several reasons, including their relatively bulky size, most vanadium batteries are currently used for grid energy storage, such as being attached to power plants or electrical grids.

Scope of the Report:

This report focuses on the Vanadium Redox Battery (VRB) in EMEA market, covering Europe, Middle East and Africa, This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

UniEnergy Technologies

Rongke Power

Sumitomo Electric Industries

Gildemeister

Vionxenergy

RedT

Big Power

Golden Energy Fuel Cell

H2, Inc.

Market Segment by Regions, regional analysis covers
Europe (Germany, France, UK, Russia, Italy and Turkey)
Middle East (Saudi Arabia, Israel, UAE and Iran)
Africa (South Africa, Nigeria, Egypt and Algeria)

Market Segment by Type, covers

Carbon Paper Electrode

Graphite Felt Electrode

Market Segment by Applications, can be divided into

Large-Scale Energy Storage

Uninterruptible Power Supply

Others

There are 13 Chapters to deeply display the EMEA Vanadium Redox Battery (VRB) market.

Chapter 1, to describe Vanadium Redox Battery (VRB) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Vanadium Redox Battery (VRB), with sales, revenue, and price of Vanadium Redox Battery (VRB), 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 EMEA market by regions, with sales, revenue and market share of Vanadium Redox Battery (VRB), for each region, from 2012 to 2017;

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

Chapter 8 and 9, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 10, Vanadium Redox Battery (VRB) market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 11, 12 and 13, to describe Vanadium Redox Battery (VRB) research findings and conclusion, sales channel, distributors, traders, dealers, appendix and data source

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