

# North America All-Vanadium Redox Flow Batteries Market by Manufacturers, Countries, Type and Application, 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 electroactive element instead of two.

### SCOPE OF THE REPORT:

This report focuses on the All-Vanadium Redox Flow Batteries in North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

Sumitomo Electric Industries

UniEnergy Technologies

Dalian Rongke Power

Gildemeister

Golden Energy Fuel Cell

Prudent Energy

RedT energy storage

H2, inc

Imergy

Sun2live

Market Segment by Countries, covering

United States

Canada

Mexico

Market Segment by Type, covers

Graphene Electrodes

Carbon Felt Electrodes

Market Segment by Applications, can be divided into

Photovoltaic Industry

Wind Power Industry

Others

There are 15 Chapters to deeply display the North America All-Vanadium Redox Flow Batteries market.

Chapter 1, to describe All-Vanadium Redox Flow Batteries Introduction, product type

*North America All-Vanadium Redox Flow Batteries Market by Manufacturers, Countries, Type and Application, Fore...*

and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of All-Vanadium Redox Flow Batteries, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

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

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of All-Vanadium Redox Flow Batteries, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, All-Vanadium Redox Flow Batteries market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe All-Vanadium Redox Flow Batteries Research Findings and Conclusion, Appendix, methodology and data source

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