

# Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Survey and Trend Research 2018

<https://marketpublishers.com/r/GD23554216AEN.html>

Date: December 2017

Pages: 84

Price: US\$ 2,600.00 (Single User License)

ID: GD23554216AEN

## Abstracts

### Summary

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.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (FuMa-Tech, Chemours (DuPont), Golden Energy Fuel Cell, Dalian Institute of Chemical Physics etc.):

Company Profile

Product & Service

Business Operation Data

Market Share

Investment Analysis:

Market Features

Investment Opportunity

Investment Calculation

## Contents

### **1 PART 1 INDUSTRY OVERVIEW**

#### 1.1 Ion Exchange Membrane for All-Vanadium Redox Flow Battery Industry

##### 1.1.1 Definition

##### 1.1.2 Industry Trend

#### 1.2 Industry Chain

##### 1.2.1 Upstream

##### 1.2.2 Technology

##### 1.2.3 Cost Structure

##### 1.2.4 Consumer Preference

##### 1.2.2 Downstream

### **1 PART 2 INDUSTRY OVERALL**

#### 2.1 Industry History

#### 2.2 Development Prospect

#### 2.3 Competition Structure

#### 2.4 Relevant Policy

#### 2.5 Trade Overview

### **1 PART 3 ION EXCHANGE MEMBRANE FOR ALL-VANADIUM REDOX FLOW BATTERY MARKET BY PRODUCT**

#### 3.1 Products List of Major Companies

#### 3.2 Market Size

#### 3.3 Market Forecast

### **4 KEY COMPANIES LIST**

#### 4.1 FuMa-Tech (Company Overview, Sales Data etc.)

##### 4.1.1 Company Overview

##### 4.1.2 Products and Services

##### 4.1.3 Business Analysis

#### 4.2 Chemours (DuPont) (Company Overview, Sales Data etc.)

##### 4.2.1 Company Overview

##### 4.2.2 Products and Services

##### 4.2.3 Business Analysis

#### 4.3 Golden Energy Fuel Cell (Company Overview, Sales Data etc.)

##### 4.3.1 Company Overview

##### 4.3.2 Products and Services

##### 4.3.3 Business Analysis

#### 4.4 Dalian Institute of Chemical Physics (Company Overview, Sales Data etc.)

##### 4.4.1 Company Overview

##### 4.4.2 Products and Services

##### 4.4.3 Business Analysis

### **1 PART 5 MARKET COMPETITION**

#### 5.1 Companies Competition

#### 5.2 Industry Competition Structure Analysis

##### 5.2.1 Rivalry

##### 5.2.2 Threat of New Entrants

##### 5.2.3 Substitutes

##### 5.2.4 Bargaining Power of Suppliers

##### 5.2.5 Bargaining Power of Buyers

### **1 PART 6 MARKET DEMAND BY SEGMENT**

#### 6.1 Demand Situation

##### 6.1.1 Industry Application Status

##### 6.1.2 Industry SWOT Analysis

###### 6.1.2.1 Strengths

###### 6.1.2.2 Weaknesses

###### 6.1.2.3 Opportunities

###### 6.1.2.4 Threats

#### 6.2 Major Customer Survey

#### 6.3 Demand Forecast

### **1 PART 7 REGION OPERATION**

#### 7.1 Regional Market

#### 7.2 Production and Sales by Region

##### 7.2.1 Production

##### 7.2.2 Sales

##### 7.2.3 Trade

#### 7.3 Regional Forecast

## **1 PART 8 MARKET INVESTMENT**

### 8.1 Market Features

8.1.1 Product Features

8.1.2 Price Features

8.1.3 Channel Features

8.1.4 Purchasing Features

### 8.2 Investment Opportunity

8.2.1 Regional Investment Opportunity

8.2.2 Industry Investment Opportunity

### 8.3 Investment Calculation

8.3.1 Cost Calculation

8.3.2 Revenue Calculation

8.3.3 Economic Performance Evaluation

## **1 PART 9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market 2012-2017, by Type, in USD Million

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market 2012-2017, by Type, in Volume

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Forecast 2018-2023, by Type, in USD Million

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Forecast 2018-2023, by Type, in Volume

Table FuMa-Tech Overview List

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Business Operation of FuMa-Tech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Chemours (DuPont) Overview List

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Business Operation of Chemours (DuPont) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Golden Energy Fuel Cell Overview List

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Business Operation of Golden Energy Fuel Cell (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Dalian Institute of Chemical Physics Overview List

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Business Operation of Dalian Institute of Chemical Physics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Revenue 2012-2017, by Companies, in USD Million

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Revenue Share, by Companies, in USD Million

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Volume 2012-2017, by Companies, in Volume

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Revenue Share, by Companies in 2017, in Volume

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Demand 2012-2017, by Application, in USD Million

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Demand 2012-2017, by Application, in Volume

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Demand Forecast 2018-2023, by Application, in USD Million

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Demand Forecast 2018-2023, by Application, in Volume

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market 2012-2017, by Region, in USD Million

Table Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market 2012-2017, by Region, in Volume

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Forecast 2018-2023, by Region, in USD Million

Table Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Forecast 2018-2023, by Region, in Volume



## List Of Figures

### LIST OF FIGURES

Figure Ion Exchange Membrane for All-Vanadium Redox Flow Battery Industry Chain Structure

Figure Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Growth 2012-2017, by Type, in USD Million

Figure Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Growth 2012-2017, by Type, in Volume

Figure Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Revenue Share, by Companies in 2017, in USD Million

Figure Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Sales Volume Share 2012-2017, by Companies, in Volume

Figure Production Development by Region

Figure Sales List by Region

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