

# Global Vanadium Redox Flow Battery (VRFB) Market Research Report 2018

<https://marketpublishers.com/r/GD2FF7F806DEN.html>

Date: March 2018

Pages: 123

Price: US\$ 3,500.00 (Single User License)

ID: GD2FF7F806DEN

## Abstracts

### SUMMARY

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

By Type

Full-fluorination Ion Exchange Membrane

Non-fluorination Ion Exchange Membrane

Others

By Application

Renewable Power Supply

Industrial Grid (Excluding Renewable Power) Adjustment and Management

By Company

Chemours (DuPont)

FuMa-Tech

Golden Energy Fuel Cell

Dalian Institute of Chemical Physics

Sumitomo Electric Industries

RedT

UniEnergy Technologies

Gildemeister

Vionxenergy

Big Power

Golden Energy Fuel Cell

H2, Inc.

Rongke Power

The main contents of the report including:

Section 1: Product definition, type and application, global and regional market overview;

- Section 2: Global and regional Market competition by company;
- Section 3: Global and regional sales revenue, volume and price by type;
- Section 4: Global and regional sales revenue, volume and price by application;
- Section 5: Regional export and import;
- Section 6: Company information, business overview, sales data and product specifications;
- Section 7: Industry chain and raw materials;
- Section 8: SWOT and Porter's Five Forces;
- Section 9: Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Full-fluorination Ion Exchange Membrane

###### 1.1.2.2 Non-fluorination Ion Exchange Membrane

###### 1.1.2.3 Others

##### 1.1.3 Market by Application

###### 1.1.3.1 Renewable Power Supply

###### 1.1.3.2 Industrial Grid (Excluding Renewable Power) Adjustment and Management

#### 1.2 Global and Regional Market Size

##### 1.2.1 Global Overview

##### 1.2.2 Market by Region

###### 1.2.2.1 Asia-Pacific

###### 1.2.2.2 North America

###### 1.2.2.3 Europe

###### 1.2.2.4 South America

###### 1.2.2.5 Middle East & Africa

### 2 GLOBAL AND REGIONAL MARKET BY COMPANY

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 Asia-Pacific

##### 2.2.1 Asia-Pacific Sales by Company

##### 2.2.2 Asia-Pacific Price by Company

#### 2.3 North America

##### 2.3.1 North America Sales by Company

##### 2.3.2 North America Price by Company

#### 2.4 Europe

##### 2.4.1 Europe Market Sales by Company

##### 2.4.2 Europe Price by Company

#### 2.5 South America

##### 2.5.1 South America Sales by Company

##### 2.5.2 South America Price by Company

## 2.6 Middle East & Africa

2.6.1 Middle East & Africa Sales by Company

2.6.2 Middle East & Africa Price by Company

## **3 GLOBAL AND REGIONAL MARKET BY TYPE**

### 3.1 Global

3.1.1 Global Sales by Type

3.1.2 Global Price by Type

### 3.2 Asia-Pacific

3.2.1 Asia-Pacific Sales by Type

3.2.2 Asia-Pacific Price by Type

### 3.3 North America

3.3.1 North America Sales by Type

3.3.2 North America Price by Type

### 3.4 Europe

3.4.1 Europe Market Sales by Type

3.4.2 Europe Price by Type

### 3.5 South America

3.5.1 South America Sales by Type

3.5.2 South America Price by Type

### 3.6 Middle East & Africa

3.6.1 Middle East & Africa Sales by Type

3.6.2 Middle East & Africa Price by Type

## **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

### 4.1 Global

4.1.1 Global Sales by Application

4.1.2 Global Price by Application

### 4.2 Asia-Pacific

4.2.1 Asia-Pacific Sales by Application

4.2.2 Asia-Pacific Price by Application

### 4.3 North America

4.3.1 North America Sales by Application

4.3.2 North America Price by Application

### 4.4 Europe

4.4.1 Europe Market Sales by Application

4.4.2 Europe Price by Application

#### 4.5 South America

4.5.1 South America Sales by Application

4.5.2 South America Price by Application

#### 4.6 Middle East & Africa

4.6.1 Middle East & Africa Sales by Application

4.6.2 Middle East & Africa Price by Application

### **5 REGIONAL TRADE**

5.1 Export

5.2 Import

### **6 KEY MANUFACTURERS**

#### 6.1 Chemours (DuPont)

6.1.2 Company Information

6.1.2 Product Specifications

6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.2 FuMa-Tech

6.2.1 Company Information

6.2.2 Product Specifications

6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.3 Golden Energy Fuel Cell

6.3.1 Company Information

6.3.2 Product Specifications

6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.4 Dalian Institute of Chemical Physics

6.4.1 Company Information

6.4.2 Product Specifications

6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.5 Sumitomo Electric Industries

6.5.1 Company Information

6.5.2 Product Specifications

6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.6 RedT

6.6.1 Company Information

6.6.2 Product Specifications

6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

#### 6.7 UniEnergy Technologies

- 6.7.1 Company Information
- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 Gildemeister
  - 6.8.1 Company Information
  - 6.8.2 Product Specifications
  - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 Vionxenergy
  - 6.9.1 Company Information
  - 6.9.2 Product Specifications
  - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 Big Power
  - 6.10.1 Company Information
  - 6.10.2 Product Specifications
  - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 Golden Energy Fuel Cell
- 6.12 H2, Inc.
- 6.13 Rongke Power

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain
- 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

- 8.1 SWOT
- 8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2011-2017
Table Global Market Sales Revenue Share by Company 2011-2017
Table Global Market Sales Volume by Company 2011-2017
Table Global Market Sales Volume Share by Company 2011-2017
Table Global Price by Company 2011-2017
Table Asia-Pacific Market Sales Revenue by Company 2011-2017
Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017
Table Asia-Pacific Market Sales Volume by Company 2011-2017
Table Asia-Pacific Market Sales Volume Share by Company 2011-2017
Table Asia-Pacific Price by Company 2011-2017
Table North America Market Sales Revenue by Company 2011-2017
Table North America Market Sales Revenue Share by Company 2011-2017
Table North America Market Sales Volume by Company 2011-2017
Table North America Market Sales Volume Share by Company 2011-2017
Table North America Price by Company 2011-2017
Table Europe Market Sales Revenue by Company 2011-2017
Table Europe Market Sales Revenue Share by Company 2011-2017
Table Europe Market Sales Volume by Company 2011-2017
Table Europe Market Sales Volume Share by Company 2011-2017
Table Europe Price by Company 2011-2017
Table South America Market Sales Revenue by Company 2011-2017
Table South America Market Sales Revenue Share by Company 2011-2017
Table South America Market Sales Volume by Company 2011-2017
Table South America Market Sales Volume Share by Company 2011-2017
Table South America Price by Company 2011-2017
Table Middle East & Africa Market Sales Revenue by Company 2011-2017
Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017
Table Middle East & Africa Market Sales Volume by Company 2011-2017
Table Middle East & Africa Market Sales Volume Share by Company 2011-2017
Table Middle East & Africa Price by Company 2011-2017
Table Global Market Sales Revenue by Type 2011-2017
Table Global Market Sales Revenue Share by Type 2011-2017
Table Global Market Sales Volume by Type 2011-2017
Table Global Market Sales Volume Share by Type 2011-2017
Table Global Price by Type 2011-2017



Table Asia-Pacific Market Sales Revenue by Type 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017  
Table Asia-Pacific Market Sales Volume by Type 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Type 2011-2017  
Table Asia-Pacific Price by Type 2011-2017  
Table North America Market Sales Revenue by Type 2011-2017  
Table North America Market Sales Revenue Share by Type 2011-2017  
Table North America Market Sales Volume by Type 2011-2017  
Table North America Market Sales Volume Share by Type 2011-2017  
Table North America Price by Type 2011-2017  
Table Europe Market Sales Revenue by Type 2011-2017  
Table Europe Market Sales Revenue Share by Type 2011-2017  
Table Europe Market Sales Volume by Type 2011-2017  
Table Europe Market Sales Volume Share by Type 2011-2017  
Table Europe Price by Type 2011-2017  
Table South America Market Sales Revenue by Type 2011-2017  
Table South America Market Sales Revenue Share by Type 2011-2017  
Table South America Market Sales Volume by Type 2011-2017  
Table South America Market Sales Volume Share by Type 2011-2017  
Table South America Price by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017  
Table Middle East & Africa Market Sales Volume by Type 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Type 2011-2017  
Table Middle East & Africa Price by Type 2011-2017  
Table Global Market Sales Revenue by Application 2011-2017  
Table Global Market Sales Revenue Share by Application 2011-2017  
Table Global Market Sales Volume by Application 2011-2017  
Table Global Market Sales Volume Share by Application 2011-2017  
Table Global Price by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017  
Table Asia-Pacific Market Sales Volume by Application 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Application 2011-2017  
Table Asia-Pacific Price by Application 2011-2017  
Table North America Market Sales Revenue by Application 2011-2017  
Table North America Market Sales Revenue Share by Application 2011-2017  
Table North America Market Sales Volume by Application 2011-2017  
Table North America Market Sales Volume Share by Application 2011-2017

Table North America Price by Application 2011-2017

Table Europe Market Sales Revenue by Application 2011-2017

Table Europe Market Sales Revenue Share by Application 2011-2017

Table Europe Market Sales Volume by Application 2011-2017

Table Europe Market Sales Volume Share by Application 2011-2017

Table Europe Price by Application 2011-2017

Table South America Market Sales Revenue by Application 2011-2017

Table South America Market Sales Revenue Share by Application 2011-2017

Table South America Market Sales Volume by Application 2011-2017

Table South America Market Sales Volume Share by Application 2011-2017

Table South America Price by Application 2011-2017

Table Middle East & Africa Market Sales Revenue by Application 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017

Table Middle East & Africa Market Sales Volume by Application 2011-2017

Table Middle East & Africa Market Sales Volume Share by Application 2011-2017

Table Middle East & Africa Price by Application 2011-2017

Table Regional Export 2011-2017 (Million USD)

Table Regional Export 2011-2017 (Volume)

Table Regional Import 2011-2017 (Million USD)

Table Regional Import 2011-2017 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of Chemours (DuPont)

Table Sales Revenue, Volume, Price, Cost and Margin of FuMa-Tech

Table Sales Revenue, Volume, Price, Cost and Margin of Golden Energy Fuel Cell

Table Sales Revenue, Volume, Price, Cost and Margin of Dalian Institute of Chemical Physics

Table Sales Revenue, Volume, Price, Cost and Margin of Sumitomo Electric Industries

Table Sales Revenue, Volume, Price, Cost and Margin of RedT

Table Sales Revenue, Volume, Price, Cost and Margin of UniEnergy Technologies

Table Sales Revenue, Volume, Price, Cost and Margin of Gildemeister

Table Sales Revenue, Volume, Price, Cost and Margin of Vionxenergy

Table Sales Revenue, Volume, Price, Cost and Margin of Big Power

Table Sales Revenue, Volume, Price, Cost and Margin of Golden Energy Fuel Cell

Table Sales Revenue, Volume, Price, Cost and Margin of H2, Inc.

Table Sales Revenue, Volume, Price, Cost and Margin of Rongke Power

## List Of Figures

### LIST OF FIGURES

Figure Full-fluorinion Ion Exchange Membrane Market Size and CAGR 2011-2017 (Million USD)

Figure Full-fluorinion Ion Exchange Membrane Market Size and CAGR 2011-2017 (Volume)

Figure Full-fluorinion Ion Exchange Membrane Market Forecast and CAGR 2018-2025 (Million USD)

Figure Full-fluorinion Ion Exchange Membrane Market Forecast and CAGR 2018-2025 (Volume)

Figure Non-fluorinion Ion Exchange Membrane Market Size and CAGR 2011-2017 (Million USD)

Figure Non-fluorinion Ion Exchange Membrane Market Size and CAGR 2011-2017 (Volume)

Figure Non-fluorinion Ion Exchange Membrane Market Forecast and CAGR 2018-2025 (Million USD)

Figure Non-fluorinion Ion Exchange Membrane Market Forecast and CAGR 2018-2025 (Volume)

Figure Others Market Size and CAGR 2011-2017 (Million USD)

Figure Others Market Size and CAGR 2011-2017 (Volume)

Figure Others Market Forecast and CAGR 2018-2025 (Million USD)

Figure Others Market Forecast and CAGR 2018-2025 (Volume)

Figure Renewable Power Supply Market Size and CAGR 2011-2017 (Million USD)

Figure Renewable Power Supply Market Size and CAGR 2011-2017 (Volume)

Figure Renewable Power Supply Market Forecast and CAGR 2018-2025 (Million USD)

Figure Renewable Power Supply Market Forecast and CAGR 2018-2025 (Volume)

Figure Industrial Grid (Excluding Renewable Power) Adjustment and Management Market Size and CAGR 2011-2017 (Million USD)

Figure Industrial Grid (Excluding Renewable Power) Adjustment and Management Market Size and CAGR 2011-2017 (Volume)

Figure Industrial Grid (Excluding Renewable Power) Adjustment and Management Market Forecast and CAGR 2018-2025 (Million USD)

Figure Industrial Grid (Excluding Renewable Power) Adjustment and Management Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure Global Vanadium Redox Flow Battery (VRFB) Market Size and CAGR

2011-2017 (Volume)

Figure Global Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure Global Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure Asia-Pacific Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure Asia-Pacific Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Volume)

Figure Asia-Pacific Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure Asia-Pacific Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure North America Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure North America Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Volume)

Figure North America Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure North America Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure Europe Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure Europe Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Volume)

Figure Europe Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure Europe Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure South America Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure South America Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Volume)

Figure South America Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure South America Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure Middle East & Africa Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Million USD)

Figure Middle East & Africa Vanadium Redox Flow Battery (VRFB) Market Size and CAGR 2011-2017 (Volume)

Figure Middle East & Africa Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Million USD)

Figure Middle East & Africa Vanadium Redox Flow Battery (VRFB) Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure Asia-Pacific Market Sales Revenue Share by Company in 2017

Figure Asia-Pacific Market Sales Volume Share by Company in 2017

Figure North America Market Sales Revenue Share by Company in 2017

Figure North America Market Sales Volume Share by Company in 2017

Figure Europe Market Sales Revenue Share by Company in 2017

Figure Europe Market Sales Volume Share by Company in 2017

Figure South America Market Sales Revenue Share by Company in 2017

Figure South America Market Sales Volume Share by Company in 2017

Figure Middle East & Africa Market Sales Revenue Share by Company in 2017

Figure Middle East & Africa Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure Asia-Pacific Market Sales Revenue Share by Type in 2017

Figure Asia-Pacific Market Sales Volume Share by Type in 2017

Figure North America Market Sales Revenue Share by Type in 2017

Figure North America Market Sales Volume Share by Type in 2017

Figure Europe Market Sales Revenue Share by Type in 2017

Figure Europe Market Sales Volume Share by Type in 2017

Figure South America Market Sales Revenue Share by Type in 2017

Figure South America Market Sales Volume Share by Type in 2017

Figure Middle East & Africa Market Sales Revenue Share by Type in 2017

Figure Middle East & Africa Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure Asia-Pacific Market Sales Revenue Share by Application in 2017

Figure Asia-Pacific Market Sales Volume Share by Application in 2017

Figure North America Market Sales Revenue Share by Application in 2017

Figure North America Market Sales Volume Share by Application in 2017

Figure Europe Market Sales Revenue Share by Application in 2017

Figure Europe Market Sales Volume Share by Application in 2017

Figure South America Market Sales Revenue Share by Application in 2017

Figure South America Market Sales Volume Share by Application in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2017  
Figure Middle East & Africa Market Sales Volume Share by Application in 2017  
Figure Industry Chain Overview  
Figure Vanadium Redox Flow Battery (VRFB) SWOT List  
Figure Power & Energy Porter's Five Forces

## I would like to order

Product name: Global Vanadium Redox Flow Battery (VRFB) Market Research Report 2018

Product link: <https://marketpublishers.com/r/GD2FF7F806DEN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD2FF7F806DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970