

# COVID-19 World Vanadium Redox Flow Battery (VRB) Market Research Report (by Product Type, End- User/Application and Regions/Countries)

<https://marketpublishers.com/r/C3B4097266AAEN.html>

Date: September 2020

Pages: 89

Price: US\$ 2,800.00 (Single User License)

ID: C3B4097266AAEN

## Abstracts

### SUMMARY

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Vanadium Redox Flow Battery (VRB) , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Vanadium Redox Flow Battery (VRB) market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

### By Type

Carbon Paper Electrode

Graphite Felt Electrode

### By End-User / Application

Large-Scale Energy Storage

Uninterruptible Power Supply

Others

### By Company

Sumitomo Electric Industries

Rongke Power

UniEnergy Technologies

redT Energy

Vionx Energy

Big Power

Australian Vanadium

Golden Energy Fuel Cell

H2, Inc.

## Contents

### **PART 1 MARKET DEFINITION**

#### 1.1 Market Segment Overview

Figure Global Vanadium Redox Flow Battery (VRB) Market Size (Million USD)  
2017-2025

#### 1.2 by Type

Table Global Vanadium Redox Flow Battery (VRB) Market and Growth by Type

#### 1.3 by End-Use / Application

Table Global Vanadium Redox Flow Battery (VRB) Market and Growth by End-Use /  
Application

### **2 GLOBAL MARKET BY VENDORS**

#### 2.1 Market Share

Table Global Vanadium Redox Flow Battery (VRB) Revenue (Million USD) by Vendors  
(2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Revenue Share by Vendors  
(2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by  
Vendors (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Vendors  
(2017-2019)

#### 2.2 Vendor Profile

Table Headquarter, Factories & Sales Regions Comparison of Vendors

Table Product List of Vendors

#### 2.3 Dynamic of Vendors

### **3 GLOBAL MARKET BY TYPE**

#### 3.1 Market Share

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type  
(2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by Type  
(2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Type  
(2017-2019)

### 3.2 Introduction of End-Use by Different Products

## 4 GLOBAL MARKET BY END-USE / APPLICATION

### 4.1 Market Share

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by End-Use / Application (2017-2019)

### 4.2 Overview of Consumption Characteristics

4.2.1 Preference Driven

4.2.2 Substitutability

4.2.3 Influence by Strategy

4.2.4 Professional Needs

## 5 GLOBAL MARKET BY REGIONS

### 5.1 Market Share

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Regions (2017-2019)

### 5.2 Regional Market Growth

5.2.1 North America

Figure North America Market Growth 2015-2018

5.2.2 Europe

Figure Europe Market Growth 2017-2019

5.2.3 Asia-Pacific

Figure Asia-Pacific Market Growth 2017-2019

5.2.4 South America

Figure South America Market Growth 2017-2019

### 5.2.5 Middle East & Africa

Figure Middle East & Africa Market Growth 2017-2019

## **6 NORTH AMERICA MARKET**

### 6.1 by Type

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

### 6.2 by End-Use / Application

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

### 6.3 by Regions

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

## **7 EUROPE MARKET**

### 7.1 by Type

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

### 7.2 by End-Use / Application

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

### 7.3 by Regions

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

## **8 ASIA-PACIFIC MARKET**

### 8.1 by Type

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

### 8.2 by End-Use / Application

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

### 8.3 by Regions

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

## 9 SOUTH AMERICA MARKET

### 9.1 by Type

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

### 9.2 by End-Use / Application

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

### 9.3 by Regions

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

## 10 MIDDLE EAST & AFRICA MARKET

### 10.1 by Type

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD)

by Type (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

10.2 by End-Use / Application

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

10.3 by Regions

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

## **11 MARKET FORECAST**

11.1 Global Market Forecast (2020-2025)

Figure Global Vanadium Redox Flow Battery (VRB) Market (Million USD) and Growth Forecast (2020-2025)

Figure Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) and Growth Forecast (2020-2025)

11.2 Market Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share Forecast by Regions (2020-2025)

11.3 Market Forecast by Type (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by Type (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Forecast Type (2020-2025)

11.4 Market Forecast by End-Use / Application (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by End-Use / Application (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share Forecast by End-Use /



Application (2020-2025)

## **12 KEY MANUFACTURERS**

### **12.LEMUR INTERNATIONAL SUMITOMO ELECTRIC INDUSTRIES**

12.1.2 Company Overview

12.1.2 Product and End-User / Application

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

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

12.2 Rongke Power

12.3 UniEnergy Technologies

12.4 redT Energy

12.5 Vionx Energy

12.6 Big Power

12.7 Australian Vanadium

12.8 Golden Energy Fuel Cell

12.9 H2, Inc.

## **13 OVERVIEW OF INDUSTRY DEVELOPMENT (COVID-19)**

13.1 Analysis of Industry Development (COVID-19)

13.2 Industry Development Stage (COVID-19)

13.3 General Situation of Industry Development (COVID-19)

13.4 Analysis of Industry Development Characteristics (COVID-19)

## **14 RESEARCH CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Vanadium Redox Flow Battery (VRB) Market and Growth by Type

Table Global Vanadium Redox Flow Battery (VRB) Market and Growth by End-Use / Application

Table Global Vanadium Redox Flow Battery (VRB) Revenue (Million USD) by Vendors (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Revenue Share by Vendors (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by Vendors (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Vendors (2017-2019)

Table Headquarter, Factories & Sales Regions Comparison of Vendors

Table Product List of Vendors

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by Type (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Type (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by End-Use / Application (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share by Regions

(2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table North America Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Europe Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Asia-Pacific Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market Share by Type

(2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table South America Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD) by Type (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Type (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD) by End-Use / Application (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by End-Use / Application (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Vanadium Redox Flow Battery (VRB) Market Share by Regions (2017-2019)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Volume Share Forecast by Regions (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by Type (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share by Forecast Type (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market (Million USD) Forecast by End-Use / Application (2020-2025)

Table Global Vanadium Redox Flow Battery (VRB) Market Share Forecast by End-Use / Application (2020-2025)

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

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

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

Table Sales Revenue, Volume, Price, Cost and Margin of redT Energy

Table Sales Revenue, Volume, Price, Cost and Margin of Vionx Energy

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

Table Sales Revenue, Volume, Price, Cost and Margin of Australian Vanadium

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

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

## List Of Figures

### LIST OF FIGURES

Figure Global Vanadium Redox Flow Battery (VRB) Market Size (Million USD) 2017-2025

Figure North America Market Growth 2015-2018

Figure Europe Market Growth 2017-2019

Figure Asia-Pacific Market Growth 2017-2019

Figure South America Market Growth 2017-2019

Figure Middle East & Africa Market Growth 2017-2019

Figure Global Vanadium Redox Flow Battery (VRB) Market (Million USD) and Growth Forecast (2020-2025)

Figure Global Vanadium Redox Flow Battery (VRB) Market Volume (Volume) and Growth Forecast (2020-2025)

## I would like to order

Product name: COVID-19 World Vanadium Redox Flow Battery (VRB) Market Research Report (by Product Type, End-User/Application and Regions/Countries)

Product link: <https://marketpublishers.com/r/C3B4097266AAEN.html>

Price: US\$ 2,800.00 (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/C3B4097266AAEN.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

