

# 2020-2025 Global Redox Flow Batteries Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

https://marketpublishers.com/r/2EFC72742B2CEN.html

Date: September 2021

Pages: 115

Price: US\$ 3,360.00 (Single User License)

ID: 2EFC72742B2CEN

# **Abstracts**

Redox Flow Batteries is a type of electrochemical cell where chemical energy is provided by two chemical components dissolved in liquids contained within the system and separated by a membrane.

This report elaborates the market size, market characteristics, and market growth of the Redox Flow Batteries industry, and breaks down according to the type, application, and consumption area of Redox Flow Batteries. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Redox Flow Batteries in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Redox Flow Batteries market covered in Chapter 13:

ESS Inc. (US)

UniEnergy Technologies (US)

Sumitomo Electric. (Japan)

Primus Power (US)

ViZn Energy (US)

EnSync Energy Systems (US)

GILDEMEISTER Energy Solutions (Austria)

RedFlow (Australia)

redT Energy (UK)



## SCHMID (Germany)

In Chapter 6, on the basis of types, the Redox Flow Batteries market from 2015 to 2025 is primarily split into:

Compact

Large Scale

In Chapter 7, on the basis of applications, the Redox Flow Batteries market from 2015 to 2025 covers:

Utilities

Commercial & Industrial

Military

**EV Charging Station** 

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

**United States** 

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

**United States** 

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India



South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025



# **Contents**

### 1 REDOX FLOW BATTERIES MARKET - RESEARCH SCOPE

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

### 2 REDOX FLOW BATTERIES MARKET - RESEARCH METHODOLOGY

- 2.1 Methodology
- 2.2 Research Data Source
  - 2.2.1 Secondary Data
  - 2.2.2 Primary Data
  - 2.2.3 Market Size Estimation
  - 2.2.4 Legal Disclaimer

### **3 REDOX FLOW BATTERIES MARKET FORCES**

- 3.1 Global Redox Flow Batteries Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
  - 3.2.1 Political Factors
  - 3.2.2 Economic Factors
  - 3.2.3 Social Factors
  - 3.2.4 Technological Factors
  - 3.2.5 Environmental Factors
  - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
  - 3.4.1 Risk Assessment on COVID-19
  - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
  - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

### 4 REDOX FLOW BATTERIES MARKET - BY GEOGRAPHY

- 4.1 Global Redox Flow Batteries Market Value and Market Share by Regions
  - 4.1.1 Global Redox Flow Batteries Value (\$) by Region (2015-2020)



- 4.1.2 Global Redox Flow Batteries Value Market Share by Regions (2015-2020)
- 4.2 Global Redox Flow Batteries Market Production and Market Share by Major Countries
- 4.2.1 Global Redox Flow Batteries Production by Major Countries (2015-2020)
- 4.2.2 Global Redox Flow Batteries Production Market Share by Major Countries (2015-2020)
- 4.3 Global Redox Flow Batteries Market Consumption and Market Share by Regions
- 4.3.1 Global Redox Flow Batteries Consumption by Regions (2015-2020)
- 4.3.2 Global Redox Flow Batteries Consumption Market Share by Regions (2015-2020)

### 5 REDOX FLOW BATTERIES MARKET - BY TRADE STATISTICS

- 5.1 Global Redox Flow Batteries Export and Import
- 5.2 United States Redox Flow Batteries Export and Import (2015-2020)
- 5.3 Europe Redox Flow Batteries Export and Import (2015-2020)
- 5.4 China Redox Flow Batteries Export and Import (2015-2020)
- 5.5 Japan Redox Flow Batteries Export and Import (2015-2020)
- 5.6 India Redox Flow Batteries Export and Import (2015-2020)
- 5.7 ...

### **6 REDOX FLOW BATTERIES MARKET - BY TYPE**

- 6.1 Global Redox Flow Batteries Production and Market Share by Types (2015-2020)
- 6.1.1 Global Redox Flow Batteries Production by Types (2015-2020)
- 6.1.2 Global Redox Flow Batteries Production Market Share by Types (2015-2020)
- 6.2 Global Redox Flow Batteries Value and Market Share by Types (2015-2020)
- 6.2.1 Global Redox Flow Batteries Value by Types (2015-2020)
- 6.2.2 Global Redox Flow Batteries Value Market Share by Types (2015-2020)
- 6.3 Global Redox Flow Batteries Production, Price and Growth Rate of Compact (2015-2020)
- 6.4 Global Redox Flow Batteries Production, Price and Growth Rate of Large Scale (2015-2020)

### 7 REDOX FLOW BATTERIES MARKET - BY APPLICATION

- 7.1 Global Redox Flow Batteries Consumption and Market Share by Applications (2015-2020)
  - 7.1.1 Global Redox Flow Batteries Consumption by Applications (2015-2020)



- 7.1.2 Global Redox Flow Batteries Consumption Market Share by Applications (2015-2020)
- 7.2 Global Redox Flow Batteries Consumption and Growth Rate of Utilities (2015-2020)
- 7.3 Global Redox Flow Batteries Consumption and Growth Rate of Commercial & Industrial (2015-2020)
- 7.4 Global Redox Flow Batteries Consumption and Growth Rate of Military (2015-2020)
- 7.5 Global Redox Flow Batteries Consumption and Growth Rate of EV Charging Station (2015-2020)

### **8 NORTH AMERICA REDOX FLOW BATTERIES MARKET**

- 8.1 North America Redox Flow Batteries Market Size
- 8.2 United States Redox Flow Batteries Market Size
- 8.3 Canada Redox Flow Batteries Market Size
- 8.4 Mexico Redox Flow Batteries Market Size
- 8.5 The Influence of COVID-19 on North America Market

### 9 EUROPE REDOX FLOW BATTERIES MARKET ANALYSIS

- 9.1 Europe Redox Flow Batteries Market Size
- 9.2 Germany Redox Flow Batteries Market Size
- 9.3 United Kingdom Redox Flow Batteries Market Size
- 9.4 France Redox Flow Batteries Market Size
- 9.5 Italy Redox Flow Batteries Market Size
- 9.6 Spain Redox Flow Batteries Market Size
- 9.7 The Influence of COVID-19 on Europe Market

### 10 ASIA-PACIFIC REDOX FLOW BATTERIES MARKET ANALYSIS

- 10.1 Asia-Pacific Redox Flow Batteries Market Size
- 10.2 China Redox Flow Batteries Market Size
- 10.3 Japan Redox Flow Batteries Market Size
- 10.4 South Korea Redox Flow Batteries Market Size
- 10.5 Southeast Asia Redox Flow Batteries Market Size
- 10.6 India Redox Flow Batteries Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

### 11 MIDDLE EAST AND AFRICA REDOX FLOW BATTERIES MARKET ANALYSIS



- 11.1 Middle East and Africa Redox Flow Batteries Market Size
- 11.2 Saudi Arabia Redox Flow Batteries Market Size
- 11.3 UAE Redox Flow Batteries Market Size
- 11.4 South Africa Redox Flow Batteries Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

### 12 SOUTH AMERICA REDOX FLOW BATTERIES MARKET ANALYSIS

- 12.1 South America Redox Flow Batteries Market Size
- 12.2 Brazil Redox Flow Batteries Market Size
- 12.3 The Influence of COVID-19 on South America Market

### **13 COMPANY PROFILES**

- 13.1 ESS Inc. (US)
  - 13.1.1 ESS Inc. (US) Basic Information
  - 13.1.2 ESS Inc. (US) Product Profiles, Application and Specification
  - 13.1.3 ESS Inc. (US) Redox Flow Batteries Market Performance (2015-2020)
- 13.2 UniEnergy Technologies (US)
- 13.2.1 UniEnergy Technologies (US) Basic Information
- 13.2.2 UniEnergy Technologies (US) Product Profiles, Application and Specification
- 13.2.3 UniEnergy Technologies (US) Redox Flow Batteries Market Performance (2015-2020)
- 13.3 Sumitomo Electric. (Japan)
  - 13.3.1 Sumitomo Electric. (Japan) Basic Information
  - 13.3.2 Sumitomo Electric. (Japan) Product Profiles, Application and Specification
- 13.3.3 Sumitomo Electric. (Japan) Redox Flow Batteries Market Performance (2015-2020)
- 13.4 Primus Power (US)
  - 13.4.1 Primus Power (US) Basic Information
- 13.4.2 Primus Power (US) Product Profiles, Application and Specification
- 13.4.3 Primus Power (US) Redox Flow Batteries Market Performance (2015-2020)
- 13.5 ViZn Energy (US)
  - 13.5.1 ViZn Energy (US) Basic Information
  - 13.5.2 ViZn Energy (US) Product Profiles, Application and Specification
  - 13.5.3 ViZn Energy (US) Redox Flow Batteries Market Performance (2015-2020)
- 13.6 EnSync Energy Systems (US)
  - 13.6.1 EnSync Energy Systems (US) Basic Information
- 13.6.2 EnSync Energy Systems (US) Product Profiles, Application and Specification



- 13.6.3 EnSync Energy Systems (US) Redox Flow Batteries Market Performance (2015-2020)
- 13.7 GILDEMEISTER Energy Solutions (Austria)
  - 13.7.1 GILDEMEISTER Energy Solutions (Austria) Basic Information
- 13.7.2 GILDEMEISTER Energy Solutions (Austria) Product Profiles, Application and Specification
- 13.7.3 GILDEMEISTER Energy Solutions (Austria) Redox Flow Batteries Market Performance (2015-2020)
- 13.8 RedFlow (Australia)
- 13.8.1 RedFlow (Australia) Basic Information
- 13.8.2 RedFlow (Australia) Product Profiles, Application and Specification
- 13.8.3 RedFlow (Australia) Redox Flow Batteries Market Performance (2015-2020)
- 13.9 redT Energy (UK)
  - 13.9.1 redT Energy (UK) Basic Information
  - 13.9.2 redT Energy (UK) Product Profiles, Application and Specification
- 13.9.3 redT Energy (UK) Redox Flow Batteries Market Performance (2015-2020)
- 13.10 SCHMID (Germany)
  - 13.10.1 SCHMID (Germany) Basic Information
  - 13.10.2 SCHMID (Germany) Product Profiles, Application and Specification
- 13.10.3 SCHMID (Germany) Redox Flow Batteries Market Performance (2015-2020)

### 14 MARKET FORECAST - BY REGIONS

- 14.1 North America Redox Flow Batteries Market Forecast (2020-2025)
- 14.2 Europe Redox Flow Batteries Market Forecast (2020-2025)
- 14.3 Asia-Pacific Redox Flow Batteries Market Forecast (2020-2025)
- 14.4 Middle East and Africa Redox Flow Batteries Market Forecast (2020-2025)
- 14.5 South America Redox Flow Batteries Market Forecast (2020-2025)

### 15 MARKET FORECAST - BY TYPE AND APPLICATIONS

- 15.1 Global Redox Flow Batteries Market Forecast by Types (2020-2025)
- 15.1.1 Global Redox Flow Batteries Market Forecast Production and Market Share by Types (2020-2025)
- 15.1.2 Global Redox Flow Batteries Market Forecast Value and Market Share by Types (2020-2025)
- 15.2 Global Redox Flow Batteries Market Forecast by Applications (2020-2025)



# **List Of Tables**

### LIST OF TABLES AND FIGURES

Figure Redox Flow Batteries Picture

Table Redox Flow Batteries Key Market Segments

Figure Study and Forecasting Years

Figure Global Redox Flow Batteries Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Redox Flow Batteries Value (\$) and Growth Rate (2015-2020)

Table Global Redox Flow Batteries Value (\$) by Countries (2015-2020)

Table Global Redox Flow Batteries Value Market Share by Regions (2015-2020)

Figure Global Redox Flow Batteries Value Market Share by Regions in 2019

Figure Global Redox Flow Batteries Production and Growth Rate (2015-2020)

Table Global Redox Flow Batteries Production by Major Countries (2015-2020)

Table Global Redox Flow Batteries Production Market Share by Major Countries (2015-2020)

Figure Global Redox Flow Batteries Production Market Share by Regions in 2019

Figure Global Redox Flow Batteries Consumption and Growth Rate (2015-2020)

Table Global Redox Flow Batteries Consumption by Regions (2015-2020)

Table Global Redox Flow Batteries Consumption Market Share by Regions (2015-2020)

Figure Global Redox Flow Batteries Consumption Market Share by Regions in 2019

Table Global Redox Flow Batteries Export Top 3 Country 2019

Table Global Redox Flow Batteries Import Top 3 Country 2019

Table United States Redox Flow Batteries Export and Import (2015-2020)

Table Europe Redox Flow Batteries Export and Import (2015-2020)

Table China Redox Flow Batteries Export and Import (2015-2020)

Table Japan Redox Flow Batteries Export and Import (2015-2020)

Table India Redox Flow Batteries Export and Import (2015-2020)

Table Global Redox Flow Batteries Production by Types (2015-2020)

Table Global Redox Flow Batteries Production Market Share by Types (2015-2020)

Figure Global Redox Flow Batteries Production Share by Type (2015-2020)

Table Global Redox Flow Batteries Value by Types (2015-2020)

Table Global Redox Flow Batteries Value Market Share by Types (2015-2020)

Figure Global Redox Flow Batteries Value Share by Type (2015-2020)

Figure Global Compact Production and Growth Rate (2015-2020)

Figure Global Compact Price (2015-2020)



Figure Global Large Scale Production and Growth Rate (2015-2020)

Figure Global Large Scale Price (2015-2020)

Table Global Redox Flow Batteries Consumption by Applications (2015-2020)

Table Global Redox Flow Batteries Consumption Market Share by Applications (2015-2020)

Figure Global Redox Flow Batteries Consumption Share by Application (2015-2020)

Figure Global Utilities Consumption and Growth Rate (2015-2020)

Figure Global Commercial & Industrial Consumption and Growth Rate (2015-2020)

Figure Global Military Consumption and Growth Rate (2015-2020)

Figure Global EV Charging Station Consumption and Growth Rate (2015-2020)

Figure North America Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Table North America Redox Flow Batteries Consumption by Countries (2015-2020)

Table North America Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure North America Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure United States Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure Canada Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure Mexico Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure Europe Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Table Europe Redox Flow Batteries Consumption by Countries (2015-2020)

Table Europe Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Europe Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Germany Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure France Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure Italy Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Figure Spain Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)



Figure Europe COVID-19 Status

Figure Asia-Pacific Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Redox Flow Batteries Consumption by Countries (2015-2020)
Table Asia-Pacific Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure China Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Figure Japan Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Figure South Korea Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure India Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Redox Flow Batteries Consumption by Countries (2015-2020)

Table Middle East and Africa Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure UAE Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Figure South Africa Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Figure South America Redox Flow Batteries Market Consumption and Growth Rate (2015-2020)

Table South America Redox Flow Batteries Consumption by Countries (2015-2020)
Table South America Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure South America Redox Flow Batteries Consumption Market Share by Countries (2015-2020)

Figure Brazil Redox Flow Batteries Market Consumption and Growth Rate (2015-2020) Table ESS Inc. (US) Company Profile

Table ESS Inc. (US) Production, Value, Price, Gross Margin 2015-2020



Figure ESS Inc. (US) Production and Growth Rate

Figure ESS Inc. (US) Value (\$) Market Share 2015-2020

Table UniEnergy Technologies (US) Company Profile

Table UniEnergy Technologies (US) Production, Value, Price, Gross Margin 2015-2020

Figure UniEnergy Technologies (US) Production and Growth Rate

Figure UniEnergy Technologies (US) Value (\$) Market Share 2015-2020

Table Sumitomo Electric. (Japan) Company Profile

Table Sumitomo Electric. (Japan) Production, Value, Price, Gross Margin 2015-2020

Figure Sumitomo Electric. (Japan) Production and Growth Rate

Figure Sumitomo Electric. (Japan) Value (\$) Market Share 2015-2020

Table Primus Power (US) Company Profile

Table Primus Power (US) Production, Value, Price, Gross Margin 2015-2020

Figure Primus Power (US) Production and Growth Rate

Figure Primus Power (US) Value (\$) Market Share 2015-2020

Table ViZn Energy (US) Company Profile

Table ViZn Energy (US) Production, Value, Price, Gross Margin 2015-2020

Figure ViZn Energy (US) Production and Growth Rate

Figure ViZn Energy (US) Value (\$) Market Share 2015-2020

Table EnSync Energy Systems (US) Company Profile

Table EnSync Energy Systems (US) Production, Value, Price, Gross Margin 2015-2020

Figure EnSync Energy Systems (US) Production and Growth Rate

Figure EnSync Energy Systems (US) Value (\$) Market Share 2015-2020

Table GILDEMEISTER Energy Solutions (Austria) Company Profile

Table GILDEMEISTER Energy Solutions (Austria) Production, Value, Price, Gross Margin 2015-2020

Figure GILDEMEISTER Energy Solutions (Austria) Production and Growth Rate

Figure GILDEMEISTER Energy Solutions (Austria) Value (\$) Market Share 2015-2020

Table RedFlow (Australia) Company Profile

Table RedFlow (Australia) Production, Value, Price, Gross Margin 2015-2020

Figure RedFlow (Australia) Production and Growth Rate

Figure RedFlow (Australia) Value (\$) Market Share 2015-2020

Table redT Energy (UK) Company Profile

Table redT Energy (UK) Production, Value, Price, Gross Margin 2015-2020

Figure redT Energy (UK) Production and Growth Rate

Figure redT Energy (UK) Value (\$) Market Share 2015-2020

Table SCHMID (Germany) Company Profile

Table SCHMID (Germany) Production, Value, Price, Gross Margin 2015-2020

Figure SCHMID (Germany) Production and Growth Rate

Figure SCHMID (Germany) Value (\$) Market Share 2015-2020



Figure North America Market Consumption and Growth Rate Forecast (2020-2025)
Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)
Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)
Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)

Figure South America Market Consumption and Growth Rate Forecast (2020-2025)
Table Global Redox Flow Batteries Market Forecast Production by Types (2020-2025)
Table Global Redox Flow Batteries Market Forecast Production Share by Types (2020-2025)

Table Global Redox Flow Batteries Market Forecast Value (\$) by Types (2020-2025)
Table Global Redox Flow Batteries Market Forecast Value Share by Types (2020-2025)
Table Global Redox Flow Batteries Market Forecast Consumption by Applications (2020-2025)

Table Global Redox Flow Batteries Market Forecast Consumption Share by Applications (2020-2025)



### I would like to order

Product name: 2020-2025 Global Redox Flow Batteries Market Report - Production and Consumption

Professional Analysis (Impact of COVID-19)

Product link: https://marketpublishers.com/r/2EFC72742B2CEN.html

Price: US\$ 3,360.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/2EFC72742B2CEN.html">https://marketpublishers.com/r/2EFC72742B2CEN.html</a>

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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



