

United States Flow Battery Market by Manufacturers, States, Type and Application, Forecast to 2023

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Abstracts

A flow battery, or Flow Battery (after reduction–oxidation), is a type of rechargeable battery where recharge ability is provided by two chemical components dissolved in liquids contained within the system and separated by a membrane. Ion exchange (providing flow of electric current) occurs through the membrane while both liquids circulate in their own respective space. Cell voltage is chemically determined by the Nernst equation and ranges, in practical applications, from 1.0 to 2.2 volts. The performance of these devices is governed by the considerations of electrochemical engineering.

Scope of the Report:

This report focuses on the Flow Battery in United States market, to split the market based on manufacturers, states, type and application.

Market Segment by Manufacturers, this report covers'

Sumitomo Electric

Dalian Rongke Power

Gildemeister

UniEnergy Technologies

Primus Power

redTENERGY Storage

EnSync

Market Segment by States, covering

California

Texas

New York

Florida

Illinois

Market Segment by Type, covers

Vanadium Flow Battery

Hybrid Flow Battery

Market Segment by Applications, can be divided into

Utility Facilities

Renewable Energy Integration

Others

There are 17 Chapters to deeply display the United States Flow Battery market.

Chapter 1, to describe Flow Battery Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Flow Battery, 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 sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of Flow Battery, for each state, from 2013 to 2018;

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 2013 to 2018;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

Chapter 12, Flow Battery market forecast, by States, type and application, with sales, price, revenue and growth rate forecast, from 2018 to 2023;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process, etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers, etc.

Chapter 16 and 17, to describe Flow Battery Research Findings and Conclusion, Appendix, methodology and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Flow Battery Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Vanadium Flow Battery
 - 1.2.2 Hybrid Flow Battery
- 1.3 Market Analysis by Applications
 - 1.3.1 Utility Facilities
 - 1.3.2 Renewable Energy Integration
 - 1.3.3 Others
- 1.4 Market Analysis by States
 - 1.4.1 California Status and Prospect (2013-2023)
 - 1.4.2 Texas Status and Prospect (2013-2023)
 - 1.4.3 New York Status and Prospect (2013-2023)
 - 1.4.4 Florida Status and Prospect (2013-2023)
 - 1.4.5 Illinois Status and Prospect (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Sumitomo Electric
 - 2.1.1 Business Overview
 - 2.1.2 Flow Battery Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 Sumitomo Electric Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Dalian Rongke Power
 - 2.2.1 Business Overview
 - 2.2.2 Flow Battery Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type
 - 2.2.3 Dalian Rongke Power Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3 Gildemeister

2.3.1 Business Overview

2.3.2 Flow Battery Type and Applications

2.3.2.1 Type

2.3.2.2 Type

2.3.3 Gildemeister Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4 UniEnergy Technologies

2.4.1 Business Overview

2.4.2 Flow Battery Type and Applications

2.4.2.1 Type

2.4.2.2 Type

2.4.3 UniEnergy Technologies Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5 Primus Power

2.5.1 Business Overview

2.5.2 Flow Battery Type and Applications

2.5.2.1 Type

2.5.2.2 Type

2.5.3 Primus Power Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 redTENERGY Storage

2.6.1 Business Overview

2.6.2 Flow Battery Type and Applications

2.6.2.1 Type

2.6.2.2 Type

2.6.3 redTENERGY Storage Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7 EnSync

2.7.1 Business Overview

2.7.2 Flow Battery Type and Applications

2.7.2.1 Type

2.7.2.2 Type

2.7.3 EnSync Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 UNITED STATES FLOW BATTERY MARKET COMPETITION, BY MANUFACTURER

3.1 United States Flow Battery Sales and Market Share by Manufacturer (2016-2017)

3.1.1 United States Flow Battery Sales by Manufacturer (2016-2017)

3.1.2 United States Flow Battery Sales Market Share by Manufacturer (2016-2017)

3.2 United States Flow Battery Revenue and Market Share by Manufacturer (2016-2017)

3.2.1 United States Flow Battery Revenue by Manufacturer (2016-2017)

3.2.2 United States Flow Battery Revenue Market Share by Manufacturer (2016-2017)

3.3 United States Flow Battery Price by Manufacturers (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Flow Battery Manufacturer Market Share (2016-2017)

3.4.2 Top 5 Flow Battery Manufacturer Market Share (2016-2017)

3.5 Market Competition Trend

4 UNITED STATES FLOW BATTERY MARKET ANALYSIS BY STATES

4.1 United States Flow Battery Sales Market Share by States (2013-2018)

4.2 United States Flow Battery Sales and Market Share by States (2013-2018)

4.2.1 United States Flow Battery Sales by States (2013-2018)

4.2.2 United States Flow Battery Sales Market Share by States (2013-2018)

4.3 United States Flow Battery Revenue (Value) and Market Share by States (2013-2018)

4.3.1 United States Flow Battery Revenue by States (2013-2018)

4.3.2 United States Flow Battery Revenue Market Share by States (2013-2018)

5 UNITED STATES MARKET SEGMENTATION FLOW BATTERY BY TYPE

5.1 United States Flow Battery Sales, Revenue and Market Share by Type (2013-2018)

5.1.1 United States Flow Battery Sales and Market Share by Type (2013-2018)

5.1.2 United States Flow Battery Revenue and Market Share by Type (2013-2018)

5.2 Type 1 Sales Growth Rate and Price

5.2 Vanadium Flow Battery Sales Growth and Price

5.2.1 United States Vanadium Flow Battery Sales Growth (2012-2017)

5.2.2 United States Vanadium Flow Battery Price (2012-2017)

5.3 Hybrid Flow Battery Sales Growth and Price

5.3.1 United States Hybrid Flow Battery Sales Growth (2012-2017)

5.3.2 United States Hybrid Flow Battery Price (2012-2017)

6 UNITED STATES MARKET SEGMENTATION FLOW BATTERY BY APPLICATION

- 6.1 United States Flow Battery Sales Market Share by Application (2013-2018)
- 6.2 Utility Facilities Sales Growth (2012-2017)
- 6.3 Renewable Energy Integration Sales Growth (2012-2017)
- 6.4 Others Sales Growth (2012-2017)

7 CALIFORNIA FLOW BATTERY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 7.1 California Flow Battery Revenue, Sales and Growth Rate (2013-2018)
- 7.2 California Flow Battery Sales and Market Share by Type (2013-2018)
 - 7.2.1 California Flow Battery Sales by Type (2013-2018)
 - 7.2.2 California Flow Battery Sales Market Share by Type (2013-2018)
- 7.3 California Flow Battery Sales and Market Share by Application (2013-2018)
 - 7.3.1 California Flow Battery Sales by Application (2013-2018)
 - 7.3.2 California Flow Battery Sales Market Share by Application (2013-2018)

8 NEW YORK FLOW BATTERY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 New York Flow Battery Revenue, Sales and Growth Rate (2013-2018)
- 8.2 New York Flow Battery Sales and Market Share by Type (2013-2018)
 - 8.2.1 New York Flow Battery Sales by Type (2013-2018)
 - 8.2.2 New York Flow Battery Sales Market Share by Type (2013-2018)
- 8.3 New York Flow Battery Sales and Market Share by Application (2013-2018)
 - 8.3.1 New York Flow Battery Sales by Application (2013-2018)
 - 8.3.2 New York Flow Battery Sales Market Share by Application (2013-2018)

9 TEXAS FLOW BATTERY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Texas Flow Battery Revenue, Sales and Growth Rate (2013-2018)
- 9.2 Texas Flow Battery Sales and Market Share by Type (2013-2018)
 - 9.2.1 Texas Flow Battery Sales by Type (2013-2018)
 - 9.2.2 Texas Flow Battery Sales Market Share by Type (2013-2018)
- 9.3 Texas Flow Battery Sales and Market Share by Application (2013-2018)
 - 9.3.1 Texas Flow Battery Sales by Application (2013-2018)
 - 9.3.2 Texas Flow Battery Sales Market Share by Application (2013-2018)

10 FLORIDA FLOW BATTERY SALES, REVENUE, BY TYPE, APPLICATION AND

MANUFACTURERS

- 10.1 Florida Flow Battery Revenue, Sales and Growth Rate (2013-2018)
- 10.2 Florida Flow Battery Sales and Market Share by Type (2013-2018)
 - 10.2.1 Florida Flow Battery Sales by Type (2013-2018)
 - 10.2.2 Florida Flow Battery Sales Market Share by Type (2013-2018)
- 10.3 Florida Flow Battery Sales and Market Share by Application (2013-2018)
 - 10.3.1 Florida Flow Battery Sales by Application (2013-2018)
 - 10.3.2 Florida Flow Battery Sales Market Share by Application (2013-2018)

11 ILLINOIS FLOW BATTERY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 11.1 Illinois Flow Battery Revenue, Sales and Growth Rate (2013-2018)
- 11.2 Illinois Flow Battery Sales and Market Share by Type (2013-2018)
 - 11.2.1 Illinois Flow Battery Sales by Type (2013-2018)
 - 11.2.2 Illinois Flow Battery Sales Market Share by Type (2013-2018)
- 11.3 Illinois Flow Battery Sales and Market Share by Application (2013-2018)
 - 11.3.1 Illinois Flow Battery Sales by Application (2013-2018)
 - 11.3.2 Illinois Flow Battery Sales Market Share by Application (2013-2018)

12 FLOW BATTERY MARKET FORECAST (2018-2023)

- 12.1 United States Flow Battery Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Flow Battery Market Forecast by States (2018-2023)
 - 12.2.1 United States Flow Battery Sales Forecast by States (2018-2023)
 - 12.2.2 United States Flow Battery Market Share Forecast by States (2018-2023)
- 12.3 Flow Battery Market Forecast by Type (2018-2023)
 - 12.3.1 United States Flow Battery Sales Forecast by Type (2018-2023)
 - 12.3.2 United States Flow Battery Market Share Forecast by Type (2018-2023)
- 12.4 Flow Battery Market Forecast by Application (2018-2023)
 - 12.4.1 United States Flow Battery Sales Forecast by Application (2018-2023)
 - 12.4.2 United States Flow Battery Market Share Forecast by Application (2018-2023)

13 FLOW BATTERY MANUFACTURING COST ANALYSIS

- 13.1 Flow Battery Key Raw Materials Analysis
 - 13.1.1 Key Raw Materials
 - 13.1.2 Price Trend of Key Raw Materials

- 13.1.3 Key Suppliers of Raw Materials
- 13.1.4 Market Concentration Rate of Raw Materials
- 13.2 Proportion of Manufacturing Cost Structure
 - 13.2.1 Raw Materials
 - 13.2.2 Labor Cost
 - 13.2.3 Manufacturing Expenses
- 13.3 Manufacturing Process Analysis of Flow Battery

14 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 14.1 Flow Battery Industrial Chain Analysis
- 14.2 Upstream Raw Materials Sourcing
- 14.3 Raw Materials Sources of Flow Battery Major Manufacturers in 2017
- 14.4 Downstream Buyers

15 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 15.1 Sales Channel
 - 15.1.1 Direct Marketing
 - 15.1.2 Indirect Marketing
 - 15.1.3 Marketing Channel Future Trend
- 15.2 Distributors, Traders and Dealers

16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

- 17.1 Methodology
- 17.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Flow Battery Picture

Table Product Specifications of Flow Battery

Figure United States Sales Market Share of Flow Battery by Types in 2017

Table Types of Flow Battery

Figure Vanadium Flow Battery Picture

Figure Hybrid Flow Battery Picture

Figure United States Flow Battery Sales Market Share by Applications in 2017

Table Applications of Flow Battery

Figure Utility Facilities Picture

Figure Renewable Energy Integration Picture

Figure Others Picture

Figure California Flow Battery Revenue (Million USD) and Growth Rate (2013-2023)

Figure Texas Flow Battery Revenue (Million USD) and Growth Rate (2013-2023)

Figure New York Flow Battery Revenue (Million USD) and Growth Rate (2013-2023)

Figure Florida Flow Battery Revenue (Million USD) and Growth Rate (2013-2023)

Figure Illinois Flow Battery Revenue (Million USD) and Growth Rate (2013-2023)

Table Sumitomo Electric Basic Information, Manufacturing Base and Competitors

Table Sumitomo Electric Flow Battery Type and Applications

Table Sumitomo Electric Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Dalian Rongke Power Basic Information, Manufacturing Base and Competitors

Table Dalian Rongke Power Flow Battery Type and Applications

Table Dalian Rongke Power Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Gildemeister Basic Information, Manufacturing Base and Competitors

Table Gildemeister Flow Battery Type and Applications

Table Gildemeister Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table UniEnergy Technologies Basic Information, Manufacturing Base and Competitors

Table UniEnergy Technologies Flow Battery Type and Applications

Table UniEnergy Technologies Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Primus Power Basic Information, Manufacturing Base and Competitors

Table Primus Power Flow Battery Type and Applications

Table Primus Power Flow Battery Sales, Price, Revenue, Gross Margin and Market

Share (2016-2017)

Table redTENERGY Storage Basic Information, Manufacturing Base and Competitors

Table redTENERGY Storage Flow Battery Type and Applications

Table redTENERGY Storage Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table EnSync Basic Information, Manufacturing Base and Competitors

Table EnSync Flow Battery Type and Applications

Table EnSync Flow Battery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table United States Flow Battery Sales by Manufacturer (2016-2017)

Table United States Flow Battery Sales Market Share by Manufacturer (2016-2017)

Figure United States Flow Battery Sales Market Share by Manufacturer in 2016

Figure United States Flow Battery Sales Market Share by Manufacturer in 2017

Table United States Flow Battery Revenue by Manufacturer (2016-2017)

Table United States Flow Battery Revenue Market Share by Manufacturer (2016-2017)

Figure United States Flow Battery Revenue Market Share by Manufacturer in 2016

Figure United States Flow Battery Revenue Market Share by Manufacturer in 2017

Table United States Flow Battery Price by Manufacturers (2016-2017)

Figure Top 3 Flow Battery Manufacturer Market Share in 2016

Figure Top 3 Flow Battery Manufacturer Market Share in 2017

Figure Top 5 Flow Battery Manufacturer Market Share in 2016

Figure Top 5 Flow Battery Manufacturer Market Share in 2017

Figure United States Flow Battery Sales and Growth Rate (2013-2018)

Table United States Flow Battery Sales by States (2013-2018)

Table United States Flow Battery Sales Market Share by States (2013-2018)

Figure United States Flow Battery Sales Market Share by States in 2013

Figure United States Flow Battery Sales Market Share by States in 2017

Table United States Flow Battery Revenue by States (2013-2018)

Figure United States Flow Battery Revenue and Growth Rate (2013-2018)

Table United States Flow Battery Revenue Market Share by States (2013-2018)

Figure United States Flow Battery Revenue Market Share by States in 2013

Figure United States Flow Battery Revenue Market Share by States in 2017

Table United States Flow Battery Sales by Type (2013-2018)

Table United States Flow Battery Sales Share by Type (2013-2018)

Table United States Flow Battery Revenue by Type (2013-2018)

Table United States Flow Battery Revenue Share by Type (2013-2018)

Figure United States Vanadium Flow Battery Sales Growth (2012-2017)

Figure United States Vanadium Flow Battery Price (2012-2017)

Figure United States Hybrid Flow Battery Sales Growth (2012-2017)

Figure United States Hybrid Flow Battery Price (2012-2017)
Table United States Flow Battery Sales by Application (2012-2017)
Table United States Flow Battery Sales Share by Application (2012-2017)
Figure United States Utility Facilities Sales Growth (2012-2017)
Figure United States Renewable Energy Integration Sales Growth (2012-2017)
Figure United States Others Sales Growth (2012-2017)
Figure California Flow Battery Revenue and Growth Rate (2013-2018)
Figure California Flow Battery Sales and Growth Rate (2013-2018)
Table California Flow Battery Sales by Type (2013-2018)
Table California Flow Battery Sales Market Share by Type (2013-2018)
Table California Flow Battery Sales by Application (2013-2018)
Table California Flow Battery Sales Market Share by Application (2013-2018)
Figure New York Flow Battery Revenue and Growth Rate (2013-2018)
Figure New York Flow Battery Sales and Growth Rate (2013-2018)
Table New York Flow Battery Sales by Type (2013-2018)
Table New York Flow Battery Sales Market Share by Type (2013-2018)
Table New York Flow Battery Sales by Application (2013-2018)
Table New York Flow Battery Sales Market Share by Application (2013-2018)
Figure Texas Flow Battery Revenue and Growth Rate (2013-2018)
Figure Texas Flow Battery Sales and Growth Rate (2013-2018)
Table Texas Flow Battery Sales by Type (2013-2018)
Table Texas Flow Battery Sales Market Share by Type (2013-2018)
Table Texas Flow Battery Sales by Application (2013-2018)
Table Texas Flow Battery Sales Market Share by Application (2013-2018)
Figure Florida Flow Battery Revenue and Growth Rate (2013-2018)
Figure Florida Flow Battery Sales and Growth Rate (2013-2018)
Table Florida Flow Battery Sales by Type (2013-2018)
Table Florida Flow Battery Sales Market Share by Type (2013-2018)
Table Florida Flow Battery Sales by Application (2013-2018)
Table Florida Flow Battery Sales Market Share by Application (2013-2018)
Figure Illinois Flow Battery Revenue and Growth Rate (2013-2018)
Figure Illinois Flow Battery Sales and Growth Rate (2013-2018)
Table Illinois Flow Battery Sales by Type (2013-2018)
Table Illinois Flow Battery Sales Market Share by Type (2013-2018)
Table Illinois Flow Battery Sales by Application (2013-2018)
Table Illinois Flow Battery Sales Market Share by Application (2013-2018)
Figure United States Flow Battery Sales, Revenue and Growth Rate (2018-2023)
Table United States Flow Battery Sales Forecast by States (2018-2023)
Table United States Flow Battery Market Share Forecast by States (2018-2023)

Table United States Flow Battery Sales Forecast by Type (2018-2023)
Table United States Flow Battery Market Share Forecast by Type (2018-2023)
Table United States Flow Battery Sales Forecast by Application (2018-2023)
Table United States Flow Battery Market Share Forecast by Application (2018-2023)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials
Figure Manufacturing Cost Structure of Flow Battery
Figure Manufacturing Process Analysis of Flow Battery
Figure Flow Battery Industrial Chain Analysis
Table Raw Materials Sources of Flow Battery Major Manufacturers in 2017
Table Major Buyers of Flow Battery
Table Distributors/Traders/ Dealers List

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