

Global and United States Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Research by Company, Type & Application 2013-2025

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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.

Market Segment as follows:

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

FuMa-Tech

Chemours (DuPont)

Golden Energy Fuel Cell

Dalian Institute of Chemical Physics

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States export and import;

Section 6:

Company information, business overview, sales data and product specifications;

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Industry chain and raw materials;

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