

# Global Ion Exchange Membrane for All-Vanadium Redox Flow Battery Market Analysis 2015-2019 and Forecast 2020-2025

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## Abstracts

### SNAPSHOT

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.

The global Ion Exchange Membrane for All-Vanadium Redox Flow Battery market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Ion Exchange Membrane for All-Vanadium Redox Flow Battery by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Full-fluorinion Ion Exchange Membrane

Non-fluorinion Ion Exchange Membrane

Others

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

FuMa-Tech

Chemours (DuPont)

Golden Energy Fuel Cell

Dalian Institute of Chemical Physics

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Renewable Power Supply

Industrial Grid (Excluding Renewable Power) Adjustment and Management

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

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.)

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