

# Manufacturers of vanadium flow batteries





## Overview

---

What is a vanadium redox flow battery?

A vanadium redox flow battery (VRFB), also known as a vanadium flow battery (VFB) or vanadium redox battery (VRB), uses vanadium ions as charge carriers. Due to their relative bulkiness, vanadium flow batteries are mainly used for grid energy storage.

Where are flow battery companies located?

However, the current commercial flow batteries are mainly all-vanadium and zinc-based flow batteries. World-renowned flow battery companies are located in Austria, the United States, Canada and other countries. Below are the top 10 flow battery companies in the world article for your reference. Established: 1986 Location: Wiener Neudorf, Austria.

Who manufactures vanadium redox batteries?

A company that is recognized globally for manufacturing vanadium redox batteries (VRBs) is VRB Energy. Majority-owned by Ivanhoe Electric, a subsidiary of I-Pulse, VRB Energy is credited with developing the world's longest-lasting VRB. Their products are reliable, recyclable, safe, and scalable.

What are flow battery chemistries?

Typical flow battery chemistries include all-vanadium, iron-chromium, zinc-bromine, etc. However, the current commercial flow batteries are mainly all-vanadium and zinc-based flow batteries. World-renowned flow battery companies are located in Austria, the United States, Canada and other countries.



## Manufacturers of vanadium flow batteries

---

### VANADIUM FLOW BATTERY COMPANIES

Vanitec is the only global vanadium organisation. Vanitec is a technical/scientific committee bringing together companies in the mining, processing, research and use of vanadium and ...

---

### Here's the Top 10 List of Flow Battery Companies (2025)

4 days ago · Now that we got to know flow batteries better, let us look at the top 10 flow battery companies in the flow battery market (listed in alphabetical order): 2.1. CellCube (Enerox ...

---

### Energy Storage Beyond Lithium / Invinity Energy Systems

See what makes Invinity the world's leading manufacturer of utility-grade energy storage - safe, economical & proven vanadium flow batteries.

---

### Top 10 Vanadium Redox Flow Battery (VRFB) Manufacturers ...

Nov 26, 2025 · HIITIO is a China-based electrical-accessory supplier and energy-storage integrator that has expanded into vanadium redox flow battery (VRFB) systems designed for ...

---

### Flow Battery Companies

Jun 24, 2025 · Australian Flow Batteries Australian Flow Batteries delivers innovative Vanadium Redox Flow Battery systems for renewable energy storage, offering scalable, safe, and ...

---

### Top 10 flow battery companies in the world

6 days ago · Austrian company Enerox GmbH is the manufacturer of CellCube's all-vanadium flow battery. It is one of the leading companies in ...

---

### VANADIUM FLOW BATTERY COMPANIES

Vanitec is the only global vanadium organisation. Vanitec is a technical/scientific committee bringing together companies in the mining, ...

---

### Top 10 flow battery companies in the world

6 days ago · Austrian company Enerox GmbH is the manufacturer of CellCube's all-vanadium flow battery. It is one of the leading companies in long-term energy storage solutions.

---

### Top 10 Companies in the All-Vanadium ...

Jun 9, 2025 · The Global All-Vanadium Redox Flow Batteries Market was valued at USD 168.60 million in 2023 and is projected to reach USD ...

---

### Top 7 Flow Battery Companies , Verified Market Research

Sep 28, 2025 · Download a sample report now easily. " Download Company-by-Company Breakdown in Flow Battery Market Report." Top 7 flow battery companies leading green ...

---



### Top 10 Companies in the All-Vanadium Redox Flow Batteries ...

Jun 9, 2025 · The Global All-Vanadium Redox Flow Batteries Market was valued at USD 168.60 million in 2023 and is projected to reach USD 276.09 million by 2030, growing at a Compound ...

---

### Energy Storage Beyond Lithium / Invinity ...

See what makes Invinity the world's leading manufacturer of utility-grade energy storage - safe, economical & proven vanadium flow batteries.

---

### Top 100 Redox Flow Battery Companies in 2025 , ensun

CellCube is a leading developer and manufacturer of vanadium redox flow batteries (VRFBs), which provide a sustainable and efficient solution for long-duration energy storage, capable of ...

---

### Flow Battery Companies

VRB Energy, an original equipment manufacturer, is developing and manufacturing vanadium redox flow batteries to meet the customer's needs for large-scale and long-duration storage ...

---

### Top 7 Flow Battery Companies , Verified ...

Sep 28, 2025 · Download a sample report now easily. " Download Company-by-Company Breakdown in Flow Battery Market Report." Top 7 flow ...

---

## Contact Us

---

For technical specifications, project proposals, or partnership inquiries, please visit:

<https://walmerceltic.co.za>

**Scan QR Code for More Information**



<https://walmerceltic.co.za>