



VanadiumCorp VRB

@VanadiumCorp

Volgen



In case you missed it -here is a great comparison of the #VRFB (Vanadium Redox Flow Battery) to the Lithium Battery

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Rechthoekig knippen

**VANADIUMCORP**  
STRENGTH AND POWER FOR THE FUTURE

**VANADIUM VS LITHIUM**  
Redox Batteries (VRB) vs Batteries

**THE SUPPLY SOLUTION FOR GRID STORAGE**

	Indefinite	~300 Max (3-5 yrs)
Number of Cycles (Lifespan)	✓	✗
Suitable for Grid Scale Storage & Load Leveling	✓	✗
Efficient Storage for Solar & Wind Power	✓	✗
No Risk of Fire or Explosion Due to Overheating	✓	✗
Scalable to Meet Unlimited Range of Storage Capacity	✓	✗
Charges & Discharges Simultaneously	✓	✗
Battery Solution Can be Used & Re-Used Indefinitely	✓	✗
Low Discharge Rate & Thermal Runaway	✓	✗
Can Release Energy Instantaneously	✓	✗
Storage Ability Does Not Degrade Over Time	✓	✗
Reduced Cell Management/Monitoring With Increasing Scale	✓	✗
Low Environmental Footprint	✓	✗
High Energy Density & Short Life	✗	✓
Ability to Meet the Energy Storage Requirements Anticipated in the Future	✓	✗