

# Singapore flow battery technology



## Overview

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Vflowtech, a Singapore-based innovator, is powering Jurong Island, an industrial hub, with its vanadium redox flow batteries (VRFBs). This project paves the way for a cleaner and more sustainable future for Singapore.

## Singapore flow battery technology

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Discover Singapore's rich history and vibrant culture. Learn when it was founded, what it's known for, and top things to do in this dynamic city.

### **Singapore , Facts, Geography, History, & Points of Interest , Britannica**

Singapore is the largest port in Southeast Asia and one of the busiest in the world. It owes its growth and prosperity to its focal position at the southern extremity of the Malay Peninsula, where



### **About Singapore**

Singapore is a sunny, tropical island in Southeast Asia, off the southern tip of the Malay Peninsula. The city-state is 710 square kilometres and inhabited by five million people from four major communities;

### **Singapore**

Singapore, officially the Republic of Singapore, is known as the Lion City (Singapura) and consists of the main island and about 64 smaller offshore islands, including Sentosa (the largest of the offshore





## VFlowTech

VFlowTech (VFT) has reinvented vanadium redox flow technology, with a vision to develop the cheapest and most scalable vanadium redox flow



## [Singapore flow battery maker VFlowTech raises](#)

Vanadium redox flow battery (VRFB) company VFlowTech has raised investment to scale up its manufacturing, extend its reach and enhance



## Visit Singapore

Singapore's territory consists of one main island and 62 other islets. Since independence, extensive land reclamation has increased its total size to 130 square kilometres.



## [VFlowTech: Engineered for a cleaner future](#)

In 2018, they founded VFlowTech, an NTU spin-off focused on long-duration energy storage using vanadium redox flow battery (VRFB) technology.



## Singapore

Singapore, officially the Republic of Singapore, is an island country and city-state in Southeast Asia. Its territory comprises a main island, over 60 satellite islands and islets, and one outlying islet.

## [About Singapore , Ministry of Foreign Affairs](#)

Singapore is a sunny, tropical island in Southeast Asia, off the southern tip of the Malay Peninsula. The city-state is 710 square kilometres and inhabited by five million people from four major communities;



## [Singapore: All You Must Know Before You Go \(2026\)](#)

Singapore is a beautiful city with both its natural resources and man made architecture making it a lovely city for locals and tourists alike. This guide is to share my experience on the places that are scenic,

## [Energising Change: VFlowTech's Innovative Approach](#)

We speak to one of its co-founders, Dr Avishek about the company's work and plans for the future. Dr Avishek Kumar co-founded VFlowTech, a



## [Flow battery startup VFlowTEch banks \\$20.5M as ramp](#)

Singapore's VFlowTech has secured a substantial \$20.5M funding round to accelerate deployment of its vanadium redox flow batteries that aim to

## **Singapore**

Singapore, officially the Republic of Singapore, is a sovereign country as well as a city-state. It is nicknamed as 'The Lion City', 'The Garden City' or 'The Little Red Dot'.



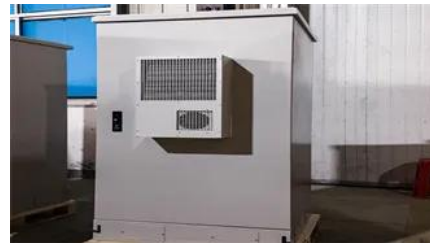


### [VFlowTech \(\\$13M to develop highly efficient flow](#)

VFlowTech, a cleantech company founded in 2018 in Singapore, develops and manufactures low-cost and efficient modular vanadium redox flow

### [This flow battery startup is powering an island](#)

Vflowtech, a Singapore-based innovator, is powering Jurong Island, an industrial hub, with its vanadium redox flow batteries (VRFBs). This project



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### [Deploying battery-powered renewable energy](#)

Discover how VFlowTech's innovative PowerCube battery is driving the green transition in Singapore by developing a low-cost energy storage system.



## **VFlowTech**

VFlowTech, established in 2018 in Singapore, specializes in modular vanadium redox flow batteries for scalable, long-lasting energy storage. Their PowerCube

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