



# 200mw vanadium liquid flow battery in Chiang Mai Thailand





## Overview

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A flow battery, or redox flow battery (after ), is a type of where is provided by two chemical components in liquids that are pumped through the system on separate sides of a membrane. inside the cell (accompanied by current flow through an external circuit) occurs across the membrane while the liquids circulate in their respective spaces.



## 200mw vanadium liquid flow battery in Chiang Mai Thailand



### Flow battery

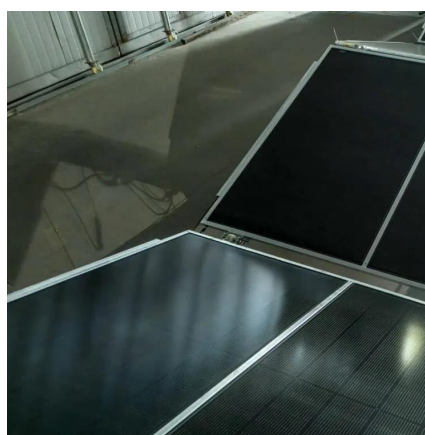
Flow batteries can be classified using different schemes: 1) Full-flow (where all reagents are in fluid phases: gases, liquids, or liquid solutions), such as vanadium redox flow battery vs semi ...

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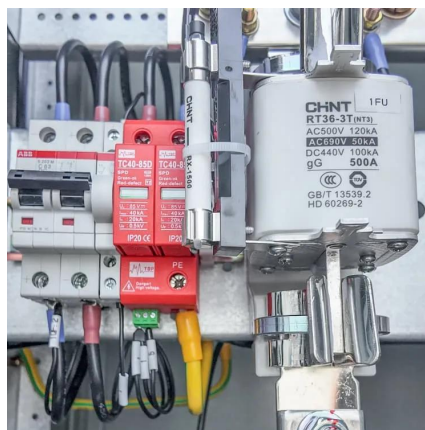
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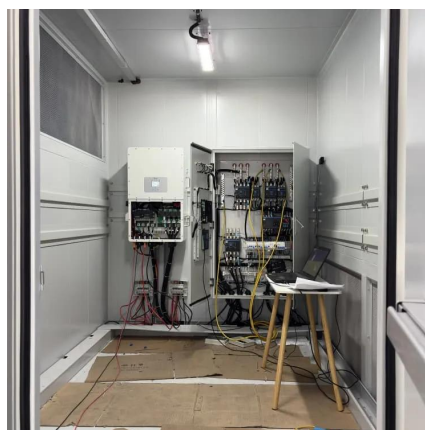
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## **Flow battery**



OverviewHistoryDesignEvaluationTraditional flow batteriesHybridOrganicOther types

A flow battery, or redox flow battery (after reduction-oxidation), is a type of electrochemical cell where chemical energy is provided by two chemical components dissolved in liquids that are pumped through the system on separate sides of a membrane. Ion transfer inside the cell (accompanied by current flow through an external circuit) occurs across the membrane while the liquids circulate in their respective spaces.



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In this article, we'll compare different redox flow battery materials, discuss their pros and cons, and explain why vanadium is the most promising choice for large-scale energy storage.

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