

# Liquid Flow Battery Electrode Materials



## Overview

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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.

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### **Make it flow from solid to liquid: Redox-active**

Here, we present a concept that transfers the physical property of a battery electrode from a conventional solid into a fluid state. The mechanical

[Material design and engineering of next-generation flow-battery](#)

Corrosion resistance. Lab experiments



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