



SolarTech Power Solutions

Three-fluid flow battery



Overview

The fundamental difference between conventional and flow batteries is that energy is stored in the electrode material in conventional batteries, while in flow batteries it is stored in the electrolyte. 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.

The (Zn-Br₂) was the original flow battery. John Doyle file patent on September 29, 1879. Zn-Br₂ batteries have relatively high specific energy, and were demonstrated in electric car.

A flow battery is a rechargeable in which an containing one or more dissolved electroactive elements flows through an that reversibly converts to

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