

## SolarTech Power Solutions

# Liquid Flow Battery Stack



**Outdoor Cabinet BESS**  
50 kWh/500 kWh Battery Storage System  
Industrial and Commercial Energy Storage

The advertisement features two views of the Outdoor Cabinet BESS: a closed cabinet on the left and an open cabinet on the right showing internal components. The background of the top section shows wind turbines. The bottom section of the advertisement is overlaid on a landscape image of a solar farm with mountains in the background.

- All In One**  
Integrating battery packs
- High-capacity**  
50-500kWh
- Degree of Protection**  
IP54
- Operating Temperature Range**  
-20~60°C (Derating above 50 °C)
- Intelligent Integration**  
integrated photovoltaic storage cabinet
- Rated AC Power**  
50-100kW
- Altitude**  
3000m(>3000m derating)

## Overview

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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. Overview A flow battery, or redox flow battery (after ), is a type of where A.

The (Zn-Br<sub>2</sub>) was the original flow battery. John Doyle file patent on September 29, 1879. Zn-Br<sub>2</sub> 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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## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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