

## Kongres Container

# The world s largest vanadium battery energy storage project



## Overview

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Technology provider Rongke Power has completed a 175MW/700MWh vanadium redox flow battery project in China, the largest of its type in the world. The Dalian and Hong Kong-headquartered company announced the completion of the project on business networking site LinkedIn yesterday (6 December).

The completion of the project demonstrates the viability of large-scale vanadium flow battery systems for long-duration applications. A firm in China has announced the successful completion of world's largest vanadium flow battery project - a 175 megawatt (MW) / 700 megawatt-hour (MWh) energy.

It has a capacity of 175 MW/700 MWh. On December 5, 2024, Rongke Power (RKP) completed the installation of the world's largest vanadium flow battery . With a capacity of 175 MW and 700 MWh, this innovative energy storage system, located in Ushi, China, sets a new standard in long-duration energy.

Source: Global Flow Battery Energy Storage WeChat, 29 May 2025 The world's first GWh-scale, fully grid-connected vanadium flow battery energy storage project officially went online on May 28 in Jimsar County, Changji Prefecture, Xinjiang. The 200MW/1GWh vanadium flow battery system, built with the.

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