

## Solar Energy South Africa

# Ghana redflow x10 battery



## Overview

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Will Redflow's new X10 battery work at Stanwell's Future Energy & Innovation Hub?

A feasibility study will conduct technical and commercial due diligence for an initial 5 MWh project using Redflow's new X10 battery solution at Stanwell's Future Energy and Innovation Training Hub being built at the coal-fired Stanwell power station site near Rockhampton in central Queensland.

Will Redflow's X10 battery be used in a 400 MWh project?

The two parties intend to then deploy Redflow's X10 battery for use in a 400 MWh large-scale project at a site that has yet to be revealed. Redflow said the X10 is the "natural evolution" of its current zinc-bromine battery systems and designed for larger-scale projects.

Is Redflow launching a new X10 battery?

At a quarterly investor briefing in January outlining the company's four-year "path to profitability plan," Redflow flagged a bigger, better "next generation" zinc bromide flow battery in the works called X10 that would be competitive with all large-scale battery technologies on the market, including lithium.

What is Redflow X10?

Redflow said the X10 is the "natural evolution" of its current zinc-bromine battery systems and designed for larger-scale projects. The system utilises the core stack technology that was developed for the company's ZBM3 battery unit but in a new form designed for large-scale deployments.

Is Redflow a 'next generation' lithium battery?

Australian long duration energy storage contender Redflow says it has a bigger, better "next generation" zinc bromide flow battery in the works that will be competitive with all large-scale battery technologies on the market, including lithium.

Is Redflow partnering with Stanwell?

Queensland-based battery company Redflow has signed a memorandum of understanding with publicly owned energy company Stanwell to collaborate on the development and deployment of its next generation zinc bromide flow battery for use in large-scale projects.

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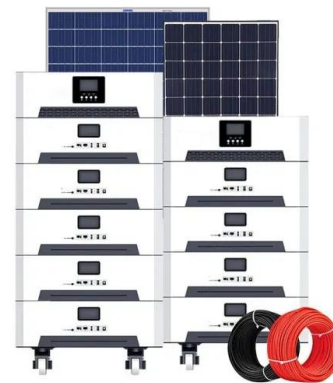


### Redflow draws early buyer interest in the collapsed Queensland

Just last month it signed an accord with Queensland generator Stanwell Corporation to collaborate on the deployment of Redflow's X10 battery in a 400-megawatt-hour project which could anchor its

### Redflow to jointly develop X10 flow battery

Redflow, the Australia and US-based energy company, and utility company Stanwell are to jointly develop and deploy Redflow's new X10 flow battery solution for use in a large-scale project of up to 400MWh.. The battery has the core stack technology as the company's ZBM3 battery. It is redesigned for large-scale deployments. This will serve as a ...



### Australian battery manufacturer Redflow enters voluntary ...

Queensland-based zinc-bromine flow battery producer Redflow has entered voluntary administration after it was unable to attract capital to scale up its X10 battery. In March 2024, Redflow was awarded AUD 1.1 million (\$740,000) from the Queensland Critical Minerals and Battery Technology Fund, to develop and build a large scale version of the

## Redflow signs MOU with Stanwell for renewable energy transition

The MOU sets out Redflow's and Stanwell's intention to collaborate on the development and deployment of Redflow's X10 battery for use in a 400MWh large-scale project. Redflow (ASX: RFX) has signed a memorandum of understanding (MOU) with Queensland's largest energy generator, Stanwell Corporation.



## Redflow experienced 'tightness of capital for emerging energy tech'

Australian Securities Exchange-listed zinc-bromine flow battery company Redflow appeared to be on the brink of a significant scale-up in the past couple of years. This article requires Premium Subscription Basic Yet efforts to raise funding to develop and manufacture its latest flow battery product, the Redflow X10, from a new manufacturing

## ASX-listed battery company Redflow handed to administrators ...

Brisbane battery company Redflow has been placed in voluntary administration and its shares suspended from trade just weeks after unveiling plans for a 5 MWh project with Queensland's energy generators, Stanwell Corporation. (MOU) with energy generator Stanwell Corporation to deploy of Redflow's X10 battery solution in a large-scale





## Redflow and Stanwell to collaborate on innovative X10 long ...

The grant was allocated as part of Queensland's \$100m critical minerals and battery technology fund. It will contribute to the project's total expected capital cost of \$3.2m. Non-lithium options. Redflow chief executive officer Tim Harris said the company was proud to be partnering with Stanwell on the development of the X10 battery.

## Redflow enters voluntary administration after failing to secure funds

Redflow, a Brisbane-based zinc-bromine flow battery producer, has entered into voluntary administration after failing to secure capital to scale up its X10 battery to target larger projects.



## ASX RELEASE

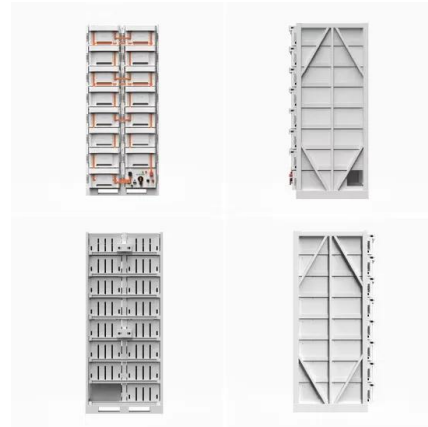
the Redflow Groups' respective boards of directors. Redflow has developed a strategic plan to develop a larger scale X10 battery (based on its existing stack design) targeted at larger megawatt hour scale projects. Redflow received significant commercial interest in the X10 battery and, with a growing customer base, was proposing a new

## Redflow partners with Stanwell Corporation on long-duration

...

o The MOU sets out Redflow's and Stanwell's intention to collaborate on the development and deployment of Redflow's X10 battery for use in a

400 MWh large-scale project, which will serve as a potential anchor order for Redflow's planned manufacturing facility in ...



## Australian flow battery pioneer put into administration after ...

The company had hoped to launch a megawatt-hour scale version of its battery, known as X10, Redflow designs flow battery technology that offers a much longer duration, safer and longer lasting

## Redflow teams with Stanwell to advance zinc bromide ...

Redflow said the X10 is the "natural evolution" of its current zinc-bromine battery systems and designed for larger-scale projects. The system utilises the core stack technology that was developed for the company's ZBM3 ...



## Zinc-bromine flow battery maker Redflow 'unable to continue as ...

Redflow headquartered in Brisbane, manufactures a proprietary hybrid flow battery technology based on zinc-bromine liquid electrolyte and zinc plating. to convince investors in the current market climate despite "significant commercial interest" in its proposed new Redflow X10 flow battery tech. Directors at

Redflow and its subsidiaries

## Flow battery maker Redflow goes out of business

Australian zinc-bromide flow battery manufacturer Redflow has ceased operations with administrators unable to find a buyer. Administrators Richard Hughes and David Orr from Deloitte had been appointed in late August at the Australian Securities Exchange (ASX) listed technology company after Redflow failed to raise enough equity to fund a



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## Redflow enters voluntary administration after failing to secure funds

Redflow, a Brisbane-based zinc-bromine flow battery producer, has entered into voluntary administration after failing to secure capital to scale up its X10 battery to target larger projects. In March, it secured AUD 1.1 million (\$740,000) in funding from the Queensland Critical Minerals and Battery Technology Fund to develop and build a large

## Redflow belatedly eyes local battery manufacture

However thoughts of local manufacture are a long way off with Redflow's announcement highly qualified Stanwell and Redflow will undertake a 'preliminary due diligence pre-feasibility study' for an initial 5 MWh project using Redflow's new X10 battery at the Stanwell Future Energy Innovation Training Hub (FEITH) near Rockhampton, Queensland.





## Redflow Ltd Enters Administration Amid Funding Challenges

Australian battery manufacturer Redflow Ltd has entered voluntary administration after failing to secure the necessary capital to scale up its X10 zinc-bromine flow battery technology. The Brisbane-based company has called in Deloitte to review its business and determine its future.

## Redflow to jointly develop X10 flow battery

Redflow, the Australia and US-based energy company, and utility company Stanwell are to jointly develop and deploy Redflow's new X10 flow battery solution for use in a large-scale project of up to 400MWh.. The battery ...



## Redflow goes into administration after failing to attract X10 battery

Australian flow battery company Redflow went into administration after failing to attract enough investment to fund a factory to build its X10 battery at scale. This modular, scalable zinc-bromine flow battery is aimed at MWh-scale projects. The company said it had a growing customer base and was proposing a new factory in Queensland.

## Redflow Delivering For Queensland's Battery Industry And Jobs ...

Redflow and Stanwell will collaborate on the development and deployment of Redflow's new

X10 battery solution for use in a large-scale project of up to 400 MWh, which will serve as a potential anchor order for Redflow's planned manufacturing facility in Queensland. The feasibility study is scheduled to be completed in early 2025



## Redflow Delivering For Queensland's Battery Industry And Jobs ...

Redflow and Stanwell will collaborate on the development and deployment of Redflow's new X10 battery solution for use in a large-scale project of up to 400 MWh, which will serve as a potential

## Q4 Report

initial 5 MWh project using Redflow's new X10 battery at the Stanwell Future Energy Innovation Training Hub near Rockhampton, Queensland. The feasibility study is scheduled to be completed in the second half of FY25 followed by a decision to proceed with the 5 MWh X10 battery project expected to be deployed in the second half of FY26.



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