

Will Redflow supply five zinc-bromine flow batteries?

Redflow Limited has received an order to supply five zinc-bromine flow batteries for a pilot project to provide standby energy storage for mobile phone towers in South Africa. This order will see Redflow provide the project with batteries for five identified sites with the first batteries to be deployed in November.

Where do Redflow batteries come from?

Redflow has an established market for its zinc-bromine flow batteries in South Africa, which are already used by customers in manufacturing, such as Bosco Printed Circuits in Johannesburg, and local government, such as Mossel Bay Municipality in Southern Cape, as well as at residential sites.

Are Redflow batteries good for mobile phone towers?

Specialized Solar Systems Managing Director Peter Bergs said Redflow's zinc-bromine flow batteries were ideally suited to provide energy storage for mobile phone towers, often located in remote locations.

What is Redflow & how will it benefit South Africa?

The project will see Redflow's zinc-bromine flow batteries provide energy storage for the mobile phone towers, operated by one of South Africa's leading telcos. The towers will be owned by a local company, supported by the South African Government's Black Economic Empowerment (BEE) affirmative action agenda.

How does a Redflow battery work?

Redflow batteries use a zinc bromine solution that flows between two tanks. When the battery charges, zinc is extracted from the liquid and stored separately on plates (plating). During discharge, the zinc goes back into the liquid (deplating). Redflow's technology involves this process, and we have more information on how flow batteries work here.

What is the cost of a Redflow battery?

The cost of a Redflow battery has been a point of interest, with the company facing challenges in this area. The last known price for a ZCell battery (as of 2018) was approximately \$12,600, excluding the cost of an inverter and installation.

Australian energy storage company Redflow Limited (ASX: RFX) has won an order to provide 68 ZBM2 zinc-bromine flow batteries for at least 20 mobile phone tower sites in South Africa owned by one ...

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Compact, deep-cycle zinc-bromine flow batteries made by ASX-listed battery manufacturer Redflow are being deployed in telecommunications towers in South Africa and the company aims to serve...

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Redflow battery manufacturer snares South African contract. Redflow has closed another battery supply agreement in its telecoms target market but further sales are needed. Sep 19,...

Australia-headquartered flow battery manufacturer Redflow is continuing with a strategy of selling devices into the telecoms sector, agreeing a second deal to repower mobile phone towers for a South African provider.

Redflow aims to launch a large MWh-scale version of its battery based on its existing stack design, known as X10, and has been working to secure financing to support the plan. After "significant commercial interest" in the solution, it proposed to build a new factory to make those batteries in Queensland.

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