

Solar container lithium battery power station in South-Africa





Overview

What are solar batteries in South Africa?

Solar batteries in South Africa are providing an increasingly affordable and sustainable alternative for energy storage. They are providing a welcome boost for the adoption of eco-friendly solar power. In this article, we offer what are solar batteries?

how do solar batteries work?

what are the different solar battery types?

When did South Africa's biggest solar battery storage system start supplying power?

South Africa's biggest solar battery storage system started feeding power into Eskom's grid in mid-December 2023. Scatec ASA announced its Kenhardt hybrid solar and battery facility in the Northern Cape officially started producing and supplying electricity to the national grid on 11 December 2023.

How much solar power does Scatec have in South Africa?

Aside from the Kenhardt facility, Scatec has over 448MW of solar power operating in South Africa.

Who owns the Red Sands battery energy storage system?

Updated 1st July 2025 – The Red Sands Battery Energy Storage System (BESS), set to be Africa's largest of its kind, has officially reached commercial close. Developed by GlobeEq, which is 30% owned by Norfund, in partnership with African Rainbow Energy, the 153 MW/612 MWh project was signed off in June 2025 in Cape Town.



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