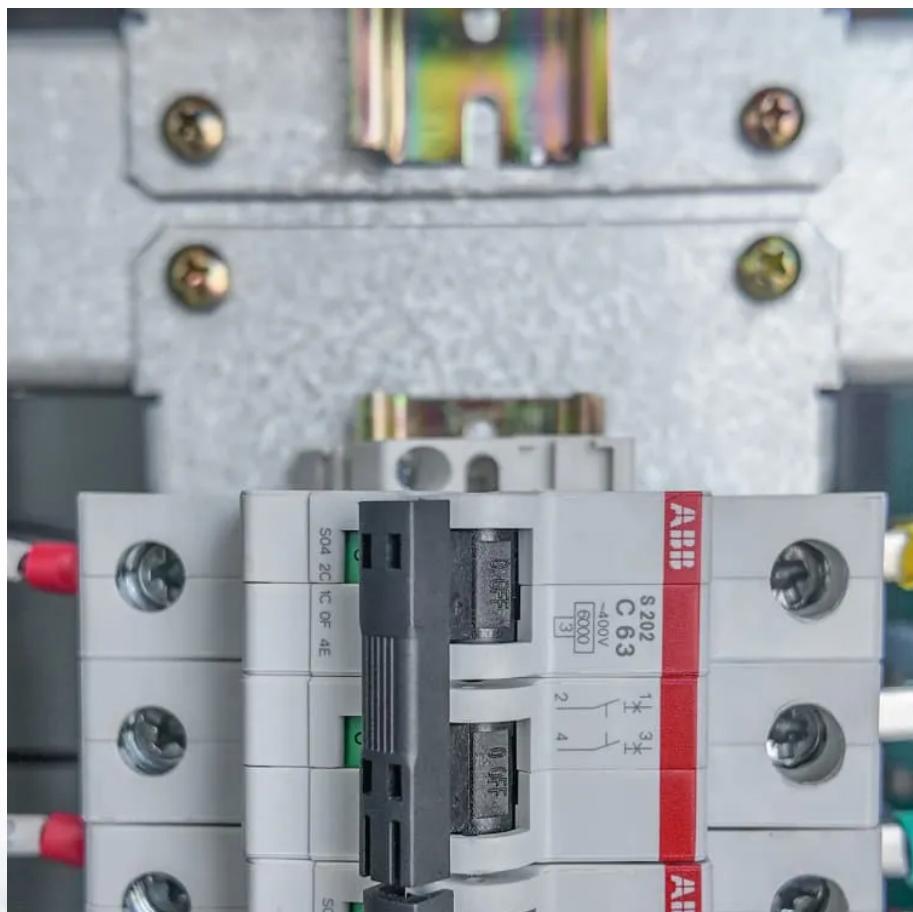




FTMRS SOLAR

Financing Scheme for a 500kWh Mobile Energy Storage Container in South Africa





Overview

How much does a battery storage project cost in South Africa?

The commitment to battery storage solutions is becoming increasingly significant as South Africa faces ongoing energy challenges and seeks to augment the integration of renewable power sources. The estimated cost of the Mogobe BESS project stands at ZAR 3bn (US\$170m), with the primary funding — about 90% — sourced from non-recourse project debt.

Why should South Africa Invest in battery storage?

As South Africa grapples with the challenge of meeting its growing energy demands while transitioning to cleaner energy sources, Eskom's initiatives in battery storage are critical for ensuring grid stability and reducing reliance on coal-fired power plants.

What are South Africa's battery storage tenders?

South Africa's battery storage tenders mark a pivotal moment in the country's transition to a more sustainable energy future. The three tenders launched by the DMRE and Eskom are set to significantly increase the country's battery energy storage capacity, reduce carbon emissions, and stimulate economic growth.

How much battery storage capacity does South Africa have?

By the end of the third tender, South Africa is projected to have a total battery energy storage capacity of approximately 3,183 MWh. This capacity is sufficient to power an estimated 250,000 homes during peak demand periods. The graph below illustrates the growth in battery storage capacity over the three tenders.



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