

## Kongres Container

# 40MW energy storage project in South Africa



**Low Voltage  
Lithium Battery**

**6000+** Cycle Life



## Overview

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It is envisioned that gains from battery energy storage system (BESS) projects will help to alleviate the pressure on South Africa’s national electricity grid. Among the numerous initiatives is the Pongola BESS, located in Pongola Local Municipality, KwaZulu-Natal. The project successfully attained.

Eskom confirmed the award of contracts for the provision of battery storage solutions in terms of its flagship BESS project in July 2022. The contracts were awarded to Hyosung Heavy Industries, of South Korea, and the Pinggao Group, of China. The contracts are the first part of the 500 MW BESS.

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 Globeleq, which is 30% owned by Norfund, in partnership with African Rainbow Energy, the 153 MW/612 MWh project was signed off in.

The Hex BESS is the first project to be completed under Eskom’s flagship BESS project announced in July 2022 to help alleviate the pressure on the national electricity grid. The BESS project serves as a direct response to meet one of the urgent needs to address South Africa’s long-running.

Scatec, a renewable energy solutions provider, has announced that it has officially started producing and supplying electricity to the national grid from the three Kenhardt plants in the Northern Cape Province, in South Africa. Scatec says the Kenhardt project is positioned to make an important.

The biggest battery energy storage system (BESS) in South Africa boasts 1,140 megawatt-hours (MWh) of storage capacity, enough to supply the average demand of 76,000 South African homes for 12 hours. As the adoption of renewable generation like solar and wind expands over the coming years.

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