

# Africa Commercial and Industrial Energy Storage Project



## Overview

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South Africa hosts the biggest single installation: Scatec's Kenhardt 1-2-3 complex, combining 1,140 MWh of batteries with large-scale solar to provide dispatchable power under a long-term contract. Egypt follows with the Abydos 1 BESS at 300 MWh, developed by AMEA Power. Looking at all of Africa at once is by no means doing the continent justice. Yet, comparatively, it's still such early days. A snapshot of the battery energy storage landscape reveals contrasts, with a handful of nations leading a significant buildout of utility-scale battery energy storage systems. As a global leader in the energy storage manufacturing sector, GSL ENERGY has been deeply rooted in the African market for years, providing customized solar energy storage solutions for residential, commercial, and industrial customers. AFSIA's 2025 Africa Solar Outlook identified. This publication was prepared by the staff of the African Union Development Agency - NEPAD in partnership with experts from the Africa-EU Energy Partnership (AEEP). The findings, interpretations, and conclusions expressed in this work do not necessarily reflect the views of AUDA-NEPAD. The. Interview with Vincent Ombajo, Managing Director at Collective Energy Africa What is the most notable development you have witnessed in the past 12 months?

There are 3 main noticeable developments for storage in Africa: The first two elements are direct drivers of the exponential uptake of storage. Stable on/off-grid power with 50-750 kW output and 120-3132 kWh storage capacity for continuous commercial operations. Designed for Africa's small-scale businesses, AlphaESS solutions combine flexibility with guaranteed 24/7 electricity stability. Combine solar, battery, and diesel for.

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### 'Energy storage boom' in Africa from 31MWh in 2017 to 1,600MWh in ...

Africa's energy storage market has seen a boom since 2017, having risen from just 31MWh to 1,600MWh in 2024, according to trade body AFSIA Solar's latest report.

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### Small-Scale Commercial & Industrial Energy Storage System

AlphaESS small-scale C& I energy storage system provides stable, affordable power for African businesses -- cutting diesel use, reducing costs, and ensuring 24/7 reliability.



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### Energy Storage News , African Energy

The Walo solar-storage IPP - seen as a landmark development for Senegal's grid - has been officially commissioned.

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## Latest evolutions and outlook for storage solutions in Africa

We promote the BYD energy storage products; low voltage and high voltage systems for residential, commercial and industrial sectors. The partnership is anchored on quality products, ...

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## Energy & Storage Industry Insights Volume 2026

Project finance for storage: Challenges and emerging solutions Regulatory frameworks that enable storage deployment Storage and the future of energy access in Africa Africa's role in the ...

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## Top 10 Energy Storage Companies in Africa , PF Nexus

Discover the current state of energy storage companies in Africa, learn about buying and selling energy storage projects, and find financing options on PF Nexus.

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## The African Continental Power Systems Masterplan

This summary provides an overview of the specific support study for battery

energy storage systems (BESS) that was developed with support from USAID Power Africa.



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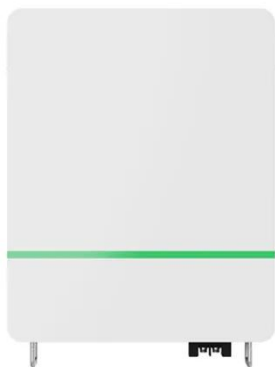
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## Spotlight on Africa: A continent of contrasts in energy storage

A snapshot of the battery energy storage landscape reveals contrasts, with a handful of nations leading a significant buildout of utility-scale battery energy storage systems (BESS) while ...



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## GSL ENERGY Africa Energy Storage Project Case Study

GSL ENERGY has been deeply involved in the African energy storage market, successfully deploying residential and commercial energy storage battery systems in Kenya, Nigeria, ...

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