

**BLINK SOLAR**

# Outdoor power station factory in Mozambique



## Overview

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What is Mozambique's energy potential?

The country has one of the largest potentials in Africa, largely thanks to the mighty Zambezi River, which boasts a projected production capacity of 20 GW. More than half of this potential is in Mozambique. Existing power plants such as Hidroeléctrica de Cahora Bassa (HCB) contribute significantly to the country's energy production.

Does Mozambique use natural gas as a transitional fuel?

**GAS IN THE ENERGY TRANSITION:** With the largest natural gas reserves in sub-Saharan Africa, Mozambique is also focused on utilising clean gas as a transitional fuel for its power generation sector. A giant 2-GW combined-cycle gas turbine power plant is being planned in Beluluane, near Maputo.

Why is Mozambique focusing on hydropower projects?

Since Mozambique has high hydro power potential, the country is focusing on developing large hydro projects that aim to be operational at the beginning of 2030's. Hydropower projects play an important role in decarbonizing the power sector in Mozambique.

How can Mozambique achieve its electrification goal?

A power mix that takes advantage of its vast energy resources in a cost-effective way and provides a solid foundation for the long-term development of its power system. The use of proven power generation technologies coupled with a well-structured and realistic data-driven plan will enable Mozambique to reach its electrification goal.

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### Dynamic news-Shanghai Triumph Energy Conservation

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The successful operation of Mozambique's self-owned power station is the signal of the customer's arrival at an annual energy-saving benefit of up to 96 million kilowatt hours. ...

## Powering Mozambique: A Look at Energy Production

Powering Mozambique: A Comprehensive Look at Energy Production in 2025 Mozambique, nestled in southeastern Africa, is a nation brimming with energy potential, ranked first in the ...



### Mozambique's power infrastructure - revised July 2024

Revised in July 2024, this map provides a detailed view of the power sector in Mozambique. The locations of power generation facilities that are operating, under ...



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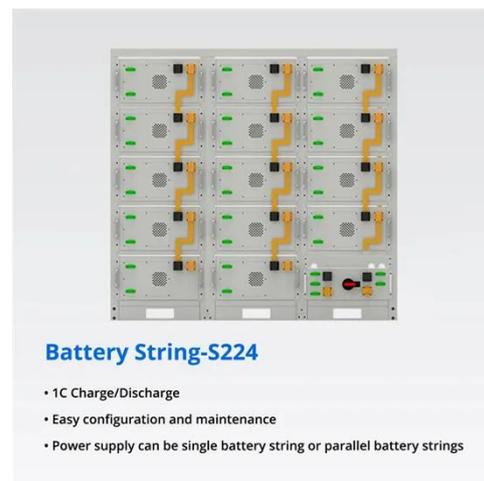


## Wärtsilä Mozambique white paper 2022

Mozambique's electricity challenges and opportunities Mozambique has the largest power generation potential in the entire Southern African region thanks to its vast and ...

## Mozambique: The making of an African clean energy ...

By 2030, Mozambique aims to achieve universal electrification through on-grid and off-grid solutions while dramatically increasing its installed capacity through hydro, solar, wind ...



## Mozambique Power Story - A compelling case for ...

Mozambique has vast power resources



that include enough hydroelectric generaon to meet 80% of current domesc demand while exporning as much of 60% of its power ...

## Mozambique solar energy: Impressive 14 MW Project ...

Mozambique Solar Energy Boosts Grid with 14 MW Project Mozambique is advancing its renewable energy initiatives with the launch of a significant new solar project. ...



## Mozambique

OverviewLeading Sub-SectorsOpportunitiesTransmissionGenerationDistribution  
 Mphanda Nkuwa Dam will be located downstream from Cahora Bassa on the Zambezi River and will have a capacity of 1,500MW.The Renewable Energy Auctions Program in Mozambique (PROLER), developed with support from the European Union, is expected to conduct phased launches solar and wind project tenders in the 30-50MW ra See more on trade.govThe Energy Year

## Mozambique: The making of an African clean energy

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## Contact Us

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