

## SolarInnovate Energy Solutions

# Mozambique electricity storage prices



## Overview

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Is battery storage a key technology for Mozambique's future?

Globeleq sees battery storage as a key technology for Mozambique's future. Storage costs are expected to continue decreasing, so those systems will become more competitive and will be able to contribute more.

How much solar energy does Mozambique have?

Mozambique has a potential solar energy yield estimated between 1,785 and 2,206 kWh/m<sup>2</sup>/year, resulting in a solar energy potential of 23,000GWh/year. In August 2019, the first grid-ready solar power station, the 40 megawatts Mocuba Solar Power Station, in Mocuba District, Zambezia Province, achieved commercial commissioning.

What is the price of electricity in Mozambique?

In Mozambique, the price of electricity is 0.127 U.S. Dollar per kWh for households and 0.080 U.S. Dollar for businesses. This includes all components of the electricity bill such as the cost of power, distribution, and taxes.

What is Mozambique's energy potential?

The centerpiece of Mozambique's energy potential is the Cahora Bassa Dam on the upper Zambezi. Financed and constructed by an international consortium at the close of the colonial era, it was designed in cooperation with South Africa's national power company to produce electricity largely for South Africa, not Mozambique.

Does Mozambique need electricity?

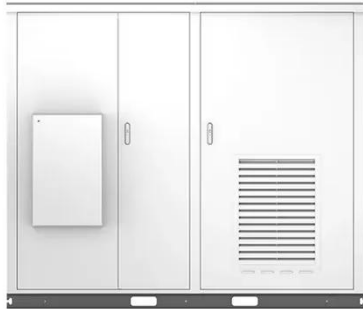
as committed to universal access to electricity by 2030. To achieve these goals Mozambique needs affordable and sustainable electricity. It is endowed with a mix of energy – hydro, coal, natural gas, solar and wind – well in excess of what is needed to meet its internal electricity demand for decades to.

Where does Mozambique export its electricity to?

Mozambique exports its electricity to neighboring South Africa and Zimbabwe via the Southern African Power Pool (SAPP). Mozambique's electricity market is dominated by hydropower generation capacity, largely utilized for exports.

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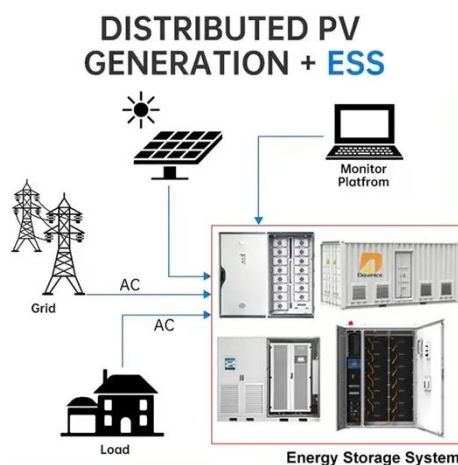


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