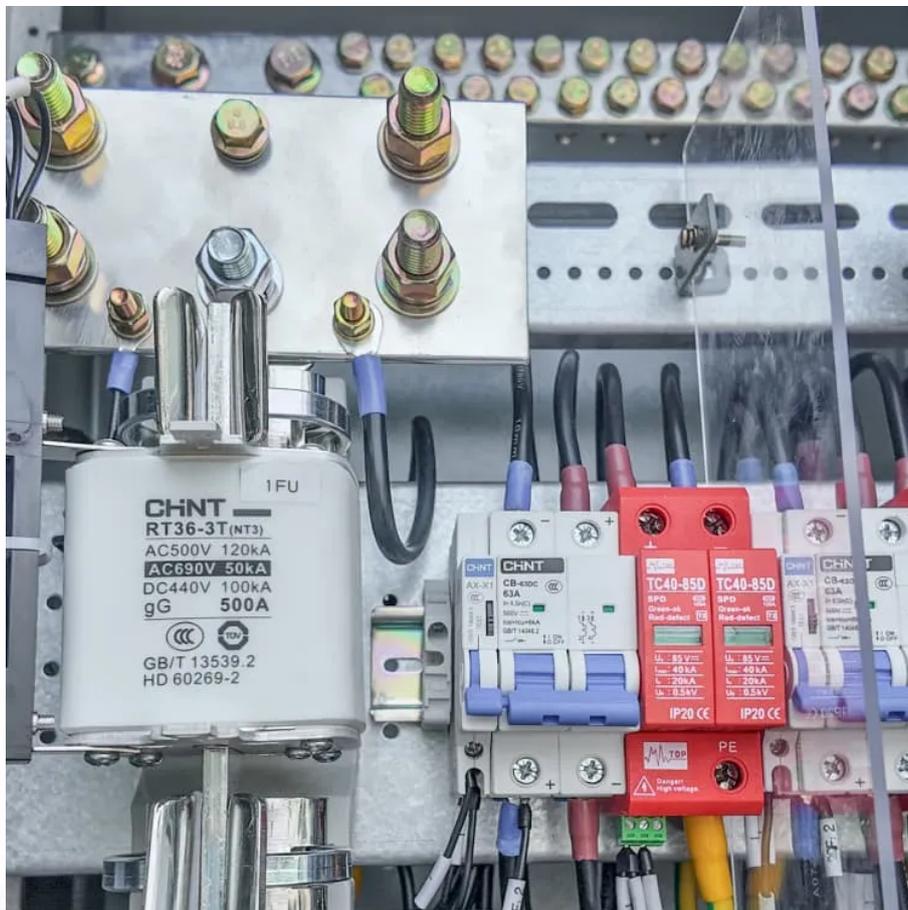


## Kongres Container

# Burkina Faso solar off-grid energy storage



## Overview

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A solar farm in Ouagadougou generating clean energy by day, while specially designed battery containers hum quietly nearby – like giant smartphone power banks for the national grid. That's exactly what the Ouagadougou Linyang Energy Storage initiative brings to Burkina Faso's energy.

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Dutch developer Gutami Holding has signed a 25-year power purchase agreement with Burkina Faso's national utility to supply electricity from a planned 150 MW solar project paired with 50 MWh of storage. The government of Burkina Faso has formalized a public-private partnership with.

However, Burkina Faso is rich in solar resources, providing favorable conditions for solar power generation. In 2023, our company was involved in electrification projects in four rural areas of Burkina Faso, primarily to provide off-grid solar power storage systems for these remote rural.

The project is earmarked to deliver 150MWp of solar PV power integrated with a 50MW battery energy storage system (BESS) The Government of Burkina Faso has signed a Public-Private Partnership (PPP) agreement with a local developer and a Dutch clean energy investment firm to develop a major solar.

This is the case in the Bilgo village in Burkina Faso, where a PV/diesel microgrid without any battery storage system has been set up. This power plant is composed of three diesel generators operating in parallel (two of 16 kW and one of 24 kW), coupled with a photovoltaic field of 30 kWp. It was.

The Ministry of Energy, Mines and Quarries (MEMC) launched Burkina Faso's AMP National Project on 16 February 2023. The program will focus on enabling innovation and technology transfers in decentralized renewable energy distribution and storage solutions. The aim is to increase access to clean.

featuring 8 pcs 550W solar panels, a 5kW off-grid inverter, and a 10kWh lithium battery pack In West Africa, where grid power is often unstable and unreliable, off-grid solar solutions play a crucial role in ensuring energy independence and resilience for homes. By harnessing the power of the sun.

## Burkina Faso solar off-grid energy storage

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