

## SolarTech Power Solutions

# Which solar energy storage company is suitable in Senegal



## Overview

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Voltalia and Entech team up to power Senegal's future with a 60-MW solar park, boosting renewable energy and international collaboration in Africa. Voltalia SA and Entech SE, both French companies, have been contracted to construct a 60-MW solar park equipped with battery storage for Axian Energy.

Africa REN, a leading pan-African renewable energy developer, has energized the Walo Storage project in Bokhol, Senegal, a groundbreaking solar-plus-storage facility featuring 16 MW of solar photovoltaic (PV) capacity and a 10 MW/20 MWh lithium-ion battery. This project is West Africa's first.

French companies Voltalia SA and Entech SE have secured a contract to develop a large-scale renewable energy project in Senegal. The two firms will be responsible for the engineering, procurement, and construction of a 60MW solar power facility, which will also include two battery energy storage.

Who are the top 5 energy companies in the world?

China-based Sungrow tops the list again while Tesla Energy Fluence Hyperstrong and Wärtsilä make up the remainder of the top five. Tesla and Fluence have swapped places from last year's rankings, as have Hyperstrong

and Wärtsilä. S&P Global released.

Independent power producer, Africa REN, has commissioned a 20MW of solar PV power plant with a 10MW/20MWh battery energy storage system (BESS) in Senegal. Named the Walo Storage project, it marks West Africa's first solar installation with dedicated energy storage for frequency regulation. Built. Is a solar energy project in Senegal the biggest in West Africa?

Work on a solar energy and battery storage project in Senegal, touted to be the biggest in West Africa once it goes live, is set to begin next month after an EPC (Engineering, Procurement and Construction) contract for its development was recently signed. The Kolda project will encompass a 60MWp PV solar plant coupled with a 90MWh storage system.

Why should Senegal invest in solar power plants?

Solar power plants in Senegal form part of the strategy for increasing access to electricity, focusing on regenerative sources. Senegal's government wants to become an emerging economy by 2035 and the energy sector is one of the major components of Senegal's growth. Rural areas remain the most challenging areas to install power grids.

When will a solar power plant be built in Senegal?

"This agreement paves the way for the construction to begin in May 2025, with the deployment of a 60MWp photovoltaic plant coupled with a 90MWh storage system." Voltalia is to supply the PV infrastructure for the solar power plant, which will operate on Senegal's national grid managed by SENELEC.

Does Senegal have a stable electricity supply?

In January the World Bank, in a feature on the transformative impact of a stable electricity supply since the beginning of 2025 in Ndorong Serere – a village located 100km from Senegal's capital city Dakar – said the country's commitment to universal electricity access is supported by innovative financing and strategic partnerships.

Is Senegal achieving universal energy access?

With a national electricity access rate of 84%, Senegal is making progress towards universal energy access, yet more than 30% of rural communities remain disconnected from the grid.

What is Senegal's energy strategy?

“Senegal’s energy strategy prioritises mobilising \$2 billion in private investments. Recognising that achieving universal access cannot rely solely on public resources, the approach leverages private sector innovation and efficiency to meet ambitious targets,” said the World Bank.

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