



BLINK SOLAR

Senegal Solar Container Smart Procurement Contract

Lithium battery parameters

Product capacity: 100Ah

Product size: 135*197*35mm

Product weight: 1.82kg 197mm
/7.7in

Product voltage: 3.2V

internal resistance: within 0.5



Overview

In April 2025, AXIAN awarded the engineering, procurement, and construction (EPC) contract to Voltalia and Entech Smart Energies. 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.

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.

Why do African countries start RFPs for solar and storage projects?

AFSIA’s Africa Solar Outlook 2025 report pointed out that an increasing number of African countries are starting Requests for Proposals (RfPs) for projects including both solar and storage, as there is a growing understanding of the technical advantages of storage as well as its price evolution.

What is axian energy doing in Senegal?

Last November, Axian Energy confirmed that it closed a €84 million (around \$89m) financing deal for the project set to provide clean, reliable energy for more than 230,000 people (or 25,000 households) in Senegal’s Kolda in the Casamance region in the south of the country. Axian Energy said the project is scheduled to be completed by 2026.

Senegal Solar Container Smart Procurement Contract



Senegal solar inverter equipment container

Each container is equipped with 18 pieces of 465W TOPCon bifacial PV modules, a 10kW off-grid inverter, three 10kWh lithium batteries, and an EV charging station-- collectively generating

...

EcoSync Guide: How to Build a Smart Solar Procurement ...

Learn how EcoSync's solar procurement framework helps companies cut costs, avoid mid-contract price hikes, and build transparent, resilient solar supply chains for large and ...



Standard 20ft containers



Standard 40ft containers



Senegal poised for West Africa's largest solar power plant

Axian Energy, Voltalia, and Entech have announced the signing of an EPC (Engineering, Procurement, and Construction) contract for Senegal's NEA Kolda project. It is ...

AXIAN Begins Construction of 60 MW Solar and Storage Plant in Senegal

AXIAN first presented the plant in November 2024 as the largest solar complex with storage in West Africa. The engineering, procurement, and construction (EPC) contract ...



- Voltage range: 691.2-947.2V
- >6000 cycles (100%DOD)
- Rated battery capacity: 216KWH (customizable)
- EMS communication: 4G/CAN/RS485



Senegal: Entech and Voltalia win EPC role at Kolda solar ...

Entech Smart Energies and Voltalia have been appointed as the engineering, procurement and construction contractor for Axian's Kolda solar-storage IPP in Senegal.

Senegal storage containers tenders get Senegal storage containers

Get access to latest Senegal storage containers tenders and government contracts. Find business opportunities for Senegal storage container tenders, Senegal Bulk storage container tenders, ...



Energy Storage Container Procurement Specifications



Integration with smart grid systems and energy storage solutions: Explore the benefits of combining solar containers with smart grid technologies and advanced energy systems ...

Axian, Voltalia, and Entech Partner on Landmark Solar-BESS ...

Axian Energy, Voltalia, and Entech have announced the signing of an EPC contract for Senegal's NEA Kolda project. This photovoltaic power plant project, which aims to address ...



Voltalia and Entech to build 90 MWh solar power plant with ...

French group Voltalia has announced the signing of an engineering, procurement and construction (EPC) contract with Entech smart energies on behalf of AXIAN Energy for a ...

Senegal: EPC contract will see May start for solar, BESS project

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, ...



SENEGAL EPC TENDER FOR 30MW NIAKHAR SOLAR ...

Senegal Battery Energy Storage Power Station 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 ...

AXIAN Builds 60MW Solar Plant in Senegal

AXIAN first introduced the initiative in November 2024 as West Africa's largest solar-plus-storage complex. In April 2025, Voltalia and Entech Smart Energies won the ...



Voltalia, Entech to build solar-storage hybrid for Axian in Senegal



1075KWH ESS

The engineering, procurement and construction (EPC) contract concerns what will become one of West Africa's largest photovoltaic (PV) sites and the largest one combining ...

Navigating Senegal's Solar Market: Your Local Content Guide

Entering Senegal's growing solar market? This guide explains how local content requirements are your key to winning tenders and gaining a competitive advantage.



Axian Energy Awards EPC Contract for Solar Plant to Entech ...

AXIAN Energy has signed an engineering, procurement, and construction (EPC) contract with Entech smart energies and Voltalia for the 60 MW Kolda Solar Plant in Casamance, Senegal.

Senegal large containers tenders

Get access to latest Senegal large containers tenders and government contracts. Find business opportunities for Senegal container tenders, Senegal steel container tenders, Senegal iron ...



AXIAN Energy Breaks Ground on West Africa's Largest Solar

...

Originally announced in November 2024, the NEA Kolda project is set to become West Africa's largest solar-plus-storage complex. In April 2025, AXIAN awarded the ...

Senegal Solar Tenders, Bids and RFP

Latest Senegal Solar Tenders, Government Bids, RFP and other public procurement notices related to Solar from Senegal. Users can register and get updated information on Senegal ...



Senegal: EPC contract will see May start for solar, BESS ...

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, ...

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