

**Espay Solar Energy S.L.**

# Senegal backup power



 **LFP 12V 200Ah**



## Overview

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Senegal is adding battery storage to its national power grid as part of efforts to stabilise electricity supply and avoid blackouts. A key feature of the Walo Storage facility is its ability to provide critical stability and backup power during outages. As of April 2020, the energy sector in Senegal has an installed capacity of 1431 megawatts (MW). It will be operated by Infinity Power's 158.7 MW wind farm in Senegal, Parc Eolien Taiba N'Diaye (PETN) Cairo, Egypt and Abu Dhabi, UAE - 13 November 2023: Infinity Power, a joint venture between Egypt's Infinity and UAE's Masdar. West African independent power producer Africa REN has commissioned a 16-MW solar farm with 10 MW/20 MWh of battery storage in Bokhol, northern Senegal, hailing the project as the first in the region dedicated to frequency regulation. Dubbed Walo Storage, the EUR-40-million (USD 46. The project includes a 16-megawatt-peak solar plant and a battery system.

## Senegal backup power

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### A New Era for Senegal's Energy Landscape - BulBat

A key feature of the Walo Storage facility is its ability to provide critical stability and backup power during outages for millions of consumers. By combining photovoltaic generation with ...

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### Senegal adds battery-storage capacity to grid to avoid blackouts

Senegal is adding battery storage to its national power grid as part of efforts to stabilise electricity supply and avoid blackouts.



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### Africa REN powers up solar-plus-storage plant in Senegal

The project was designed to improve grid stability, deliver energy during peak demand hours and provide backup power in case of outages. Completed on time, the facility is now ...

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### Infinity Power seals 20-year agreement with Senelec to supply

## utility

PETN represents a 15% uplift in Senegal's renewable generation capacity, and is the largest wind farm in West Africa. Construction of the battery energy storage system is expected to ...



## Senegal Switches On a New Solar Power Plant With Battery Storage ...

Senegal has taken another major step toward clean and reliable energy. On Thursday, January 22, the country officially opened the Walo Storage power plant in Bokhol, in the northern ...

## Energy in Senegal

Overview Electricity production Electricity sector Electricity demand and supply gaps

Senegal's major source of electricity is diesel. The rest is mostly coal and hydroelectricity. Renewables should make up 30% of the country's energy mix and the wind farm in Taïba Ndiaye will supply half. The planned energy mix aims to help Senegal move away from oil dependence, although newly discovered gas reserves offshore are expected to be used domestically to replace diesel and coal.





## Energy in Senegal

Two new solar photovoltaic plants will be built: the 25 megawatt peak (MWp) Kael solar park in the Touba region in western Senegal and the 35 MWp Kahone solar park in the Kaolack region in central ...

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## Senegal's solar capacity hits 671 MW - pv magazine International

Under the National Energy Pact, Senegal aims to lift the share of renewables to 40% of the electricity mix by 2030 through the addition of 100 MW of PV capacity and 50 MW of concentrated ...



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## Senegal switches on inaugural solar-plus-storage facility

Independent power producer Africa REN has commissioned a solar-plus-storage project in Senegal. The Walo Storage project is the first solar installation in West Africa to include energy ...

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## Senegal Power: Africa REN Breakthrough Energizes Network

Senelec, Senegal's national electricity company, has a 20-year take-or-pay power purchase agreement (PPA) in place, guaranteeing revenue for Africa

REN regardless of actual ...



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