



# Senegal Distributed Energy Storage Services Company





## Overview

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Jinko ESS, a subsidiary of Jinko Solar Co., Ltd., has announced a major milestone in the West African market to successfully secure 15MWh of SunGiga liquid-cooled energy storage systems to Senegal. The systems will be deployed across 45 remote villages, enabling distributed off-grids powered by.

The BESS is to be built at the Tobène substation in Thies, Senegal. 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.

Located in the heart of West Africa, Senegal is a prime example of a country on the cusp of energy transition. The nation's commitment to sustainable development and renewable energy sources has led to the establishment of a pioneering hybrid energy facility in northern Senegal, marking a.

Dakar, Senegal, August 7, 2025 - Just one year after laying the foundation stone, Africa REN announces the commercial commissioning of Walo Storage, the first photovoltaic facility in West Africa combined with lithium-ion battery storage, designed for frequency regulation and to meet local energy.

Français: Orrick conseille Energy Resources Senegal (ERS) et Teranga Niakhar Storage (TNS) dans le cadre du développement et du financement du projet solaire avec stockage de Niakhar au Sénégal Orrick has advised project company Teranga Niakhar Storage (TNS) and its sole shareholder, Energy.

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### [Walo Storage project in Senegal commissioned](#)

The facility combines 16 MW of solar generation with a 10 MW/20 MWh lithium-ion battery energy storage system, connected to the national grid operated by Senelec under a 20 ...

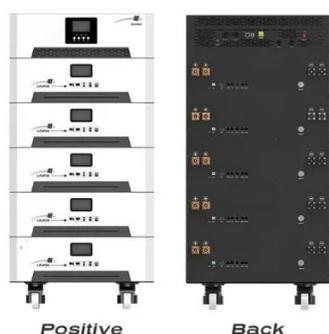
### Senegal's Solar-Storage Leap: Financing the Niakhar Project with

Energy Resources Senegal (ERS), through its subsidiary Teranga Niakhar Storage (TNS), has successfully secured financing for the Niakhar Solar + Storage project, a ...



### [With the Launch of Walo Storage, a New Era Begins for ...](#)

For Papa Toby Gaye, CEO of Senelec, "Walo Storage provides us with a vital tool to ensure stable and reliable electricity, while significantly contributing to the diversification of ...



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

Battery storage offers incredible opportunities for Senegal to reap the benefits of renewables, while ensuring people get a secure, reliable supply of energy. We are excited to ...



### [Senegal switches on inaugural solar-plus-storage facility](#)

The project has a solar capacity of 16 MW alongside 10 MW/20 MWh of battery energy storage, according to details on Africa REN's website. It is located in Bokhol, Dagana ...

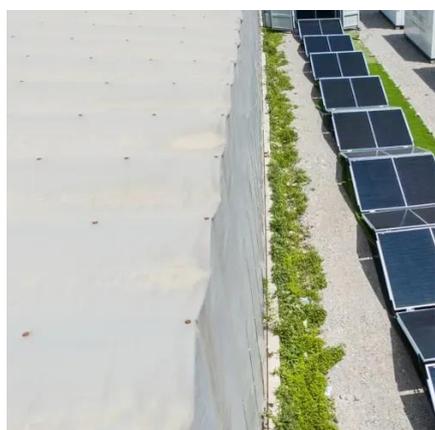
### **15MWh of Energy Storage Lights Up West Africa -- Jinko ESS ...**

Jinko ESS, a subsidiary of Jinko Solar Co., Ltd., has announced a major milestone in the West African market to successfully secure 15MWh of SunGiga liquid-cooled energy ...



### [Senegal enters agreement for 160MWh battery energy storage](#)

The system will enable Senelec to stabilise the nation's electricity grid and pave the way for further renewable energy growth in Senegal. The BESS is expected to begin ...



### **With the Launch of Walo Storage, a New Era Begins for Senegal's Energy**



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### [With the Launch of Walo Storage, Energy Innovation Emerges](#)

With the launch of Walo Storage, Senegal's energy sector enters a new era of sustainable solar power and reliability.

### [Orrick Advises Energy Resources Senegal \(ERS\) and Teranga ...](#)

ERS is a Senegalese energy developer and producer which is controlled by Moustapha Sene and Senegal's national electricity company, Senelec. Teranga Niakhar Storage is a subsidiary of ...



### [A New Era for Senegal's Energy Landscape - BuIBat](#)

As Senegal looks to the future, Walo Storage will play a vital role in shaping the country's energy landscape, contributing to its ambitious climate goals, and ensuring a more ...

**12.BV6AH**

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C):-20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4\*1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds



## Contact Us

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