

## PEES Power Systems

# 2 75mwh solar energy storage cabinet system in senegal



**Efficient  
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules



**Intelligent  
Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection



**Flexible  
Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation

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### Senegal: Solar + storage project leads the way in West Africa

Described as a first for West Africa, a solar PV installation with battery storage project dedicated to frequency regulation has been commissioned in Senegal.

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### Senegal Inaugurates Walo Storage: West Africa's First Grid-Forming

Senegal has officially inaugurated the "Walo Storage" plant in Bokhol (Saint-Louis Region) on Janu. This marks a technological milestone as West Africa's first large-scale ...



### Walo Storage project in Senegal commissioned

Independent power producer Africa REN has officially commissioned the Walo Storage project in Bokhol, Dagana department, northern Senegal. This marks the first solar PV installation in ...

## 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.



### Walo Storage

Combining photovoltaic solar with a storage system is a unique solution to meet the current and future needs of the grid. In order to complement and intensify our local impact, Walo Storage is committed ...

## Senegal Unveils West Africa's First Solar-Battery Facility To

Senegal has begun commercial operations at a new solar energy facility that combines photovoltaic power with lithium-ion battery storage, the first of its kind in West Africa, as the country ...



### 2 75mwh energy storage system in Senegal

Overview The lithium-ion battery energy storage unit is the first battery-storage project in West Africa dedicated to



frequency regulation and is designed to stabilize Senegal's grid and reduce blackouts.

## Senegal, Africa REN Launch Walo Solar-Plus-Storage Facility

Senegal and sustainable infrastructure developer Africa REN have commissioned the Walo Storage facility in Bokhol, marking the first grid-connected solar-plus-battery installation of its ...



## Senegal Battery Energy Storage Management System: Powering a

In this article, we'll explore how smart energy storage solutions are transforming West Africa's renewable energy landscape, backed by real-world examples and actionable insights.

## Dakar Cabinet Energy Storage System Project: Powering

## Senegal's

The Dakar Cabinet Energy Storage System Project represents a groundbreaking initiative in West Africa's renewable energy landscape. Designed to stabilize power supply across Senegal's capital ...



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