

Juba Battery Energy Storage Project



All In One

Integrating battery packs



Intelligent Integration

integrated photovoltaic storage cabinet



High-capacity

50-500kWh



Rated AC Power

50-100kW



Degree of Protection

IP54



Altitude

3000m(>3000m derating)



Operating Temperature Range

-20~60°C(Derating above 50 °C)

Overview

The 20 MW solar PV plant, located in Juba, the capital city, will have a 14 MWh battery energy storage system & will connect 16,000 households in the world's least electrified country. This project marks South Sudan's first public-private partnership (PPP) in the renewable energy. Ezra Group, a South Sudanese family-run conglomerate, last month announced the launch of South Sudan's first major renewable energy project. The South Sudan's solar power project reportedly marks a milestone in Juba's transition to sustainable power. The Ezra Group, a leading business conglomerate. The East African country has an electricity access rate of 8.4% (as of 2022) Image: The recently launched 20MW solar energy plant in South Sudan. The solar farm is under development by a consortium comprising Elsewedy Electric Company of Egypt, Asunim Solar from the United Arab Emirates (UAE) and I-kWh Company, an energy consultancy firm also based. In the heart of Africa's newest nation, the Juba Shared Energy Storage Power Station stands as a beacon of energy innovation.

Juba Battery Energy Storage Project



Ezra Group Powers Ahead with Renewable Energy in South Sudan

The Ezra Group, a leading business conglomerate, announced the successful launch of the 20-Megawatt (MW) solar power plant and the 14-Megawatt (MWh) Battery Energy Storage ...

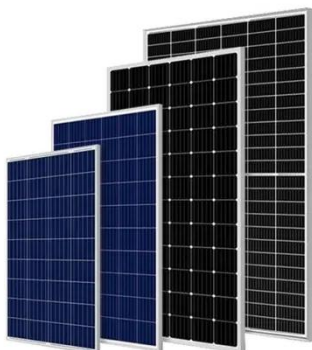
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Solar park of 20 MW plus battery opens in South Sudan

Ezra Group, a South Sudan family-run conglomerate, on Monday announced the launch of a 20-MW solar power plant with a 14-MWh battery energy storage system in South Sudan, ...



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South Sudan's Milestone in Renewable Energy: First Major Solar Project

The Ezra Group, a prominent business conglomerate, has successfully developed and financed a 20-megawatt (MW) solar power plant, complemented by a 14-megawatt-hour (MWh) ...

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Juba Solar Power Station

There are plans to build new generation stations and to import electricity from neighboring Ethiopia, Sudan and Uganda, but the civil war has hindered progress in that direction.

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South Sudan: First major solar energy, BESS plant launched

A public-private partnership in South Sudan has launched the country's first major solar power plant and Battery Energy Storage System (BESS) in the capital Juba, where it is expected to ...

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South Sudan launches first solar plant with battery storage

The 20 MW solar PV plant, located in Juba, the capital city, will have a 14 MWh battery energy storage system & will connect 16,000 households in the world's least electrified country. This ...

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South Sudan shifts to clean energy as Ezra Group launches a 20 ...

Ezra Group launches a 20-megawatt solar power plant and a 14-megawatt-hour Battery Energy Storage System in South Sudan. The project developed and

run by the Ezra Construction ...

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South Sudan launches solar energy

The 20MW solar facility is capable of supplying power to approximately 16,000 households in Juba, offering a significant reduction in energy prices and enhancing grid stability.

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Juba Shared Energy Storage Power Station: A Game Changer for ...

In the heart of Africa's newest nation, the Juba Shared Energy Storage Power Station stands as a beacon of energy innovation. This 58MW/116MWh facility - equivalent to powering 35,000 homes ...

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Juba Energy Storage Project Ranking: Key Insights for Sustainable

South Sudan's energy landscape is transforming rapidly, with the Juba energy storage project ranking

highlighting the nation's push toward grid stability. As solar adoption grows by 18% annually (World ...

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- 50KW/100KWH
- HIGHER POWER OUTPUT IN OFF-GRID MODE
- CONVENIENT OPERATION & MAINTENANCE
- PRE-WIRED

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