



**SolarTech Power Solutions**

# **Nigerian energy storage system lithium battery**



## Overview

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The Nigeria Renewable Energy Storage System is a distributed lithium battery energy storage solution designed to provide reliable and sustainable power for self-consumption and backup needs. Is Nigeria a leader in the global lithium market?

Nigeria's vast lithium reserves, estimated to be worth over \$34 billion, is attracting global demand. Lithium is a key component in the production of batteries for electric vehicles (EVs) and renewable energy storage systems. Nigeria is positioning itself to become a major player in the global lithium market.

Is lithium gaining traction in Nigeria?

Today, the quest for lithium is gaining traction in Nigeria, with competition becoming increasingly fierce. In Nigeria, lithium is currently mined in Nassarawa, Kogi, Kwara, Ekiti, and Cross River States. In 2018, Kian Smith Trade & Co, a Nigerian mining company, announced the discovery of 15,000 tonnes of commercial lithium in Nigeria.

What is Nigeria's lithium reserves worth?

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Where is lithium found in Nigeria?

Y's lithium reserves. Exploration surveys commissioned by the Ministry of Mines and Steel Development (now Ministry of Solid Minerals Development) under the National Integrated Mineral Exploration Project (NIMEP) discovered significant lithium-bearing minerals in Kwara, Ekiti state, Ogun state, Nas.

Which companies are building lithium processing plants in Nigeria?

capacity in the country. In 2023, Chinese companies Ming Xin Mineral Separation Nig Ltd (in Kaduna) and Ganfeng Lithium Industry Limited (in

Nasarawa) commenced the construction of lithium processing plants. In April 2024, Nigerian Company ABSA group began the construction of a 1.6 million tons yearly lithium ore s.

Will China invest \$200 million in a lithium processing factory?

On February 5 2025, a Chinese company, Jiuling Lithium Mining Company, announced plans to invest over \$200 million in the establishment of a lithium processing factory in the Endo community, Nasarawa Local Government Area of Nasarawa State.

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