

Solar inverter production in Sudan





Overview

Can solar energy be used in Sudan?

Research and projects on solar energy in Sudan have primarily concentrated on solar PV systems, with relatively limited focus on solar thermal energy. Nevertheless, there are some studies that have explored power generation using CSP technologies.

How much solar power will Sudan have by 2035?

Plans are underway to deploy 1200 solar pumps in West and North Kordofan. By 2035, the government also plans to establish 190 MW of solar PV home systems, 400 MW of solar pumping, 250 MW of rooftop PV systems, and 27 MW of PV-diesel hybrid systems. In wind energy, Sudan aims to achieve a total installed capacity of 1550 MW by 2035.

What is the energy supply in Sudan?

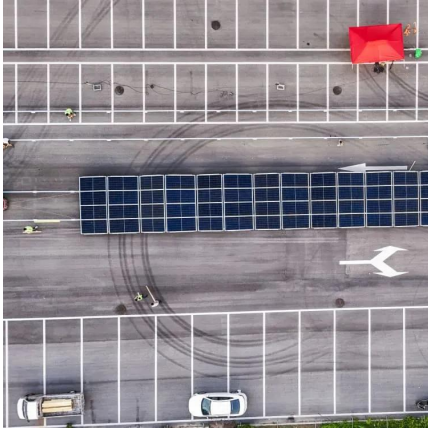
The energy supply in Sudan is primarily derived from crude oil, hydroelectricity, biomass, and renewable energy sources such as wind, solar, and geothermal energy. As illustrated in Figure 2a, biomass is the largest contributor, accounting for 52% of Sudan's total energy consumption.

How much did the UN invest in solar power in Sudan?

The United Nations Development Programme (UNDP), the Korean International Cooperation Agency (KOICA), the African Development Bank, and the Global Environment Facility collectively invested a total of \$12 million for the installation of 1919 solar pumps across Sudan.



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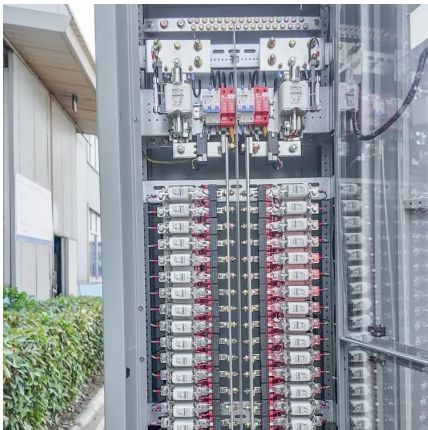
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[Sudan Solar Electric System Inverter Market \(2025-2031\)](#)

Historical Data and Forecast of Sudan Solar Electric System Inverter Market Revenues & Volume By Solar Farms for the Period 2021-2031
Sudan Solar Electric System Inverter Import



Export ...

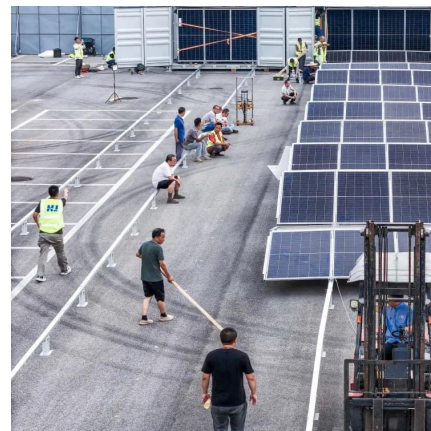


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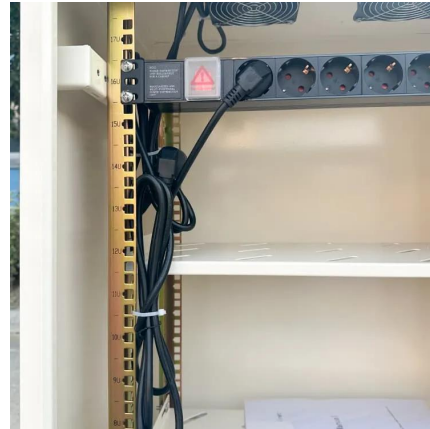
[Sudan's Solar Market: A Strategy for Local Manufacturing](#)

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UTILITY

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