

Sudan wind turbine distribution box



Overview

It is a new type of prefabricated substation developed for the special usage requirements of wind power generation, featuring strong integration, easy installation, short construction period, low operating costs, high structural strength, and strong corrosion resistance. 14 June 2021, KHARTOUM: A 63m-tall wind turbine has crossed Sudan's Northern State, marking the first milestone towards the country's first commercial-scale wind-energy plant. Construction will begin shortly and is estimated to take two to three weeks. Funded by the Government of Sudan and the. The YBF series wind power box-type substation products are specially designed and developed by our company for wind power generation. wind turbines, and hybrid solutions. Machineequipments is a Wind Energy Equipment Manufacturers in Sudan, Wind Energy Equipment Sudan, Wind Energy Equipment Suppliers Sudan and Exporters in Sudan for Wind Energy Equipment. You can contact us by email at sales@machineequipments.



Article Content

Jan 06, 2026

Sudan's First Wind Farm Turbine

Sudan's First Wind Farm Turbine The first of Sudan's wind turbines has finally arrived on site. The 63m tall wind turbine has been transported 4,600km across the

Mar 03, 2026

Reporting Format

Executive Summary The project aims to support removal of barriers to the adoption of utility-scale wind energy grid connected in Sudan. Wind energy has been identified as a priority mitigation technology

Dec 19, 2025

(PDF) Foundations, Design, and Dynamic Performance

Turbines: Overview and Challenges in Sudan Ruba Asim Hamza 1,*, Amged Osma n Abdelatif 1 Department of Civil Engineering, University of

Feb 21, 2026

Wind Power Box Type Substation in the Real World: 5 Uses You'll ...

By 2025, the use of Wind Power Box Type Substations is expected to expand significantly. Trends point toward increased automation, smarter control systems, and enhanced durability.

Aug 15, 2025

Sudan's first wind turbine arrives

A 63m-tall wind turbine crossed Sudan's Northern State, the first milestone towards the country's first commercial-scale wind energy plant.

May 05, 2026

The Promising Outlook for Wind Energy in Sudan

The potential for wind energy in Sudan is immense, thanks to the country's unique geographical features. Situated in the Saharan and Sahelian

Aug 25, 2025

Wind Power Harnessing in Sudan, Opportunities and

This study concentrates on Sudan as one of African countries; that possess a good potential in wind power which can be integrated to support

May 01, 2026

Is this the right time for Sudan to replace diesel ...

The optimal sites for utilising wind energy were Wawa, Dongola, Karima, Wadi Halfa and Al-Goled in order of suitability and their low costs of electricity and high wind speed records. Wind

May 09, 2026

Renewable Energy in Sudan: Current Status and Future Prospects

Biomass—primarily derived from corn and sugarcane—serves as another critical energy source, poised to play a significant role in Sudan's

Sep 28, 2025

Sudan's first turbine to harness wind energy in Northern State

A 63m-tall wind turbine has completed an epic 19-day journey from the Netherlands to Dongola in Sudan's Northern State, via Port Sudan, marking the inaugural milestone towards the

Aug 24, 2025

Sudan YBF Series Wind Power Box-type Substation

It is a new type of prefabricated substation developed for the special usage requirements of wind power generation, featuring strong integration, easy installation, short construction period, low operating

Nov 20, 2025

On the wind energy resources of Sudan

In Sudan, various designs of wind machines for water pumping have been developed and some designs are presently manufactured commercially. Results suggest that wind power would be

May 17, 2026

New Al Bagair Substation

The aim of this project is to establish reliable clean electric power supply to South Darfur states by construction of Nyala wind power project to support Nyala isolated grid and the future national grid

Jul 04, 2025

Foundations, Design, and Dynamic Performance of Wind Turbines:

This paper presents a review of different types of wind turbine foundations of focusing on on-shore wind turbine foundation types and the dynamic response of wind turbine.

Jan 05, 2026

Sudan's first wind turbine arrives

Funded by the Government of Sudan and the Global Environment Facility (GEF), with support from UNDP, the turbine will demonstrate the viability of utility-scale wind energy in Africa's

Jul 21, 2025

Wind Energy Equipment Manufacturers Sudan, Wind Energy

You can contact us by email at sales@machinesequipments for reliable Wind Energy Equipment supplier, we are well-known for our world-class Wind Energy Equipment and one-stop bulk and

Jun 27, 2025

Sudan Wind Turbine Gearbox and Direct Drive System Market (2025

6Wresearch actively monitors the Sudan Wind Turbine Gearbox and Direct Drive System Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue

Jun 18, 2026

Sudan wind turbines and solar panels

Why is Sudan interested in wind energy? Sudan's interest in wind energy is not only driven by environmental concernsbut also by the need to diversify its energy mix and ensure energy security

Dec 01, 2025

Control design and performance evaluation of a grid connected PV-wind ...

This study describes a grid-connected PV-wind hybrid system's comprehensive design, control strategy, and performance assessment in Dongola city located in Sudan's northern region.

Jan 23, 2026

Proven technology and a pioneering spirit pave the way

It aims to capitalize on the nation's significant wind-energy potential to improve access to energy, diversify Sudan's power sources, and reduce reliance

Dec 01, 2025

Power plant profile: Dongola Wind Farm, Sudan

Dongola Wind Farm is a 100.9MW onshore wind power project. It is planned in Northern, Sudan. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the

Dec 22, 2025

Renewable Energy in Sudan: Current Status and Future Prospects

Wind energy remains underutilized, with a single 0.8-MW wind turbine connected to the grid, although a 100-MW wind power plant is under

Jun 13, 2026

How Do Wind Turbines Distribute Electricity?

Wind turbines are a renewable energy source that converts the kinetic energy of wind into mechanical energy. Instead of using electricity to create wind, wind turbines use wind to

Jun 04, 2026

Wind Power Harnessing in Sudan, Opportunities and Challenges

In this study wind power potential in Sudan is analyzed in different parts of Sudan to get good understanding of the best locations for installing wind farms.

Nov 14, 2025

Onshore Wind Farm Site Assessment Using Satellite and ...

The results demonstrated that the Ferris Wheel-Based wind turbine is the most efficient wind turbine under consideration. It highlights strategic wind farm investments to achieve sustainable

Nov 24, 2025

Power in Sudan: Challenges and opportunities

Power in Sudan Sudan is a country with immense renewable energy potential, possessing a high hydropower potential based totally on its location on

Sep 30, 2025

Wind energy in Sudan

Wind power shown in Fig. 1 indicates that Sudan possesses favourable winds particularly in the northern parts. Wind energy is more appropriate than some of the other new energy sources if

Jun 18, 2026

ELB Energy | Elbarbary Group

Our products and services cover renewable, hybrid, and traditional energy sources, ensuring seamless integration with Sudan's infrastructure. Renewable Energy Solutions

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

