

## European Solar and Energy Storage Solutions

# Guinea-Bissau power factors



## Guinea-Bissau power factors

---



### Guinea Bissau

Guinea Bissau's economy is in mitigation mode in 2023 but is expected to transition into acceleration mode by 2024-2025. This pace of growth is characterized by being 64% higher, on average, than that of the world, and converging to the country's growth trajectory forecast before the pandemic. Accordingly, Guinea Bissau's commitments to

### ENERGY PROFILE Guinea

Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global distribution of wind resources. Areas in the third class or above are considered to be a good wind resource.



### Changing human-nature relationships: Insights from Guinea-Bissau

This has also heightened gendered power and divisions of labour as the nuts are mainly picked by women in the orchards owned by their husbands or fathers, who then sell them to a trader or exporter. Northern Guinea-Bissau is characterized by a 7-month dry season (November-May), and annual rainfall varies from the more humid coastal zones

## Insights into the cashew production system in Guinea-Bissau

Where  $n$  is the number of sampling points in an orchard ( $=5$ );  $4n$  is the total number of observations in the whole orchard ( $=25$ );  $i$  is a sampling point in an orchard ( $i = 1, \dots, n$ );  $j$  is a quarter at a sampling point ( $j = 1, \dots, 4$ ); and  $R_{ij}$  is the distance measured to the tree at the sampling point  $i$  in quarter  $j$  (Bryant et al., 2005).. Post-harvest information was also ...



## Guinea-Bissau and the Cashew Economy

Guinea-Bissau and the Cashew Economy Marek Hanusch1 Guinea-Bissau is a West African country with a population of 1.7 million. Growth has been anemic and poverty is high. Following a long and brutal liberation war, Guinea-Bissau gained independence from Portugal in 1974. Since then, GDP per capita growth has been low, partly

## Guinea-Bissau: 30 years of militarized democratization (1991-2021)

The holders of "real power" in Guinea-Bissau shall be discussed later in this study. For now, it is important to emphasize what Chabal (1996, p. 325) discussed in 1993, a year before the first democratic elections were held in Guinea-Bissau. Democratization is a long, complex process "and not the result of political decisions consciously



## Guinea-Bissau: How a Successful Social Revolution

## Can ...

those that came into power in the 1980s and 1990s with a reformist agenda, have become "The Human Factor and the Failure of Economic Development and Policies in Africa," in Ezeala-Harrison and Adjibolosoo, eds., Perspectives on Economic Development in Africa (Santa the new political leaders of Guinea-Bissau will have to find a way to



## BRIEF NOTES ON BALANTA HISTORY BEFORE AND ...

"Balanta farmers of Guinea Bissau are often regarded by neighboring communities as 'backward' and as a people who have refused modern life-worlds. Despite the fact that these farmers played a very important ...



## Power Factors expands renewables software offer with Inaccess

Power Factors said the combination of its asset performance management solutions with Inaccess's SCADA, power plant and battery control, and energy marketing offerings will unlock new potential

## HIV-1 and HIV-2 prevalence, risk factors and birth outcomes

...

Data Availability Statement. The original data are stored at the Bandim Health Project, National Institute of Public Health in Guinea-Bissau. The ethical approvals received from The National Committee on Ethics in Health, National Institute

of Public Health, Ministry of Public Health, Guinea-Bissau (e-mail: inasagb@gmail ) do not allow for general data sharing of ...



## African Power Platform

The platform helps circulate and propagate tenders, intelligence and business opportunities to its members. Developers, power producers, ministries, utilities, regulators, financiers, and other like-minded individuals can join APP to share possible solutions and ideas on how to solve Africa's lack of electricity.

## Guinea-Bissau: 30 years of militarized democratization (1991-2021)

The discussion demonstrates how the armed forces held the real power in Guinea-Bissau and how dangerous is this reality to the democratization, in a country where political organizations, actors



## Ending the Vicious Cycle of Instability in Guinea Bissau: A N E

Nino Vieira remained in power for 19 years before he was overthrown by a military junta led by Brigadier General Ansumane Mane on May 7, 1999 after a yearlong civil war. conflict in Guinea Bissau; other peculiar factors contributing to the

political instability include the followings: The Military Factor: The perennial



## ENERGY PROFILE Guinea-Bissau

Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global distribution of wind resources. Areas in the third class or above are considered to be a good wind resource.



## Guinea-Bissau Overview: Development news, ...

The Mansoa-Tanaff section of the line was commissioned in February 2024 enabling power imports from Senegal to Guinea-Bissau, and from Guinea to The Gambia through Guinea-Bissau. A total of 218 km of the 225kV transmission ...

## ENERGY PROFILE Guinea-Bissau

Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the

global distribution of wind resources. Areas in the third ...



## Guinea-Bissau Issues and Options in the Energy Sector

Currency Unit: Guinea Bissau Peso (PG) Official Exchange Rate: 100.00 PG/US\$ 1/ Fuel Conversion Factors (Net calorific content expressed in tons of oil equivalent of 10.2 million kilocalories) Product Conversion Factor Density Electric Power 86.00 toe/GWh a/ -Butane 1.05 toe/ton 0.58 Gasoline 1.03 toe/ton 0.74 Kerosene 1.01 toe/ton 0.83

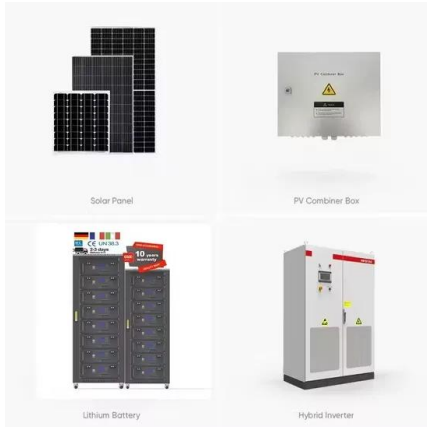
## Guinea-Bissau: Energy Country Profile

Guinea-Bissau: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.



## 24 Interesting Facts about Guinea-Bissau

Fast facts. Official name: Republic of Guinea-Bissau Population: 2.1 million (2024 est.) Area: 36,125 sq km Capital city: Bissau Major languages: Creole (Portuguese-based), Portuguese, Pular Major religions: Muslim 46.1%,



folk religions 30.6%, Christian 18.9%, Time zone: UTC 0 (Greenwich Mean Time) Interesting facts about Guinea-Bissau. 1. Guinea-Bissau ...

## Guinea Bissau Policy Note

Guinea Bissau: Power Sector Policy Note . E. of a shared vision among key stakeholders of the optimal least-cost energy mix to meet electricity demand in Guinea-Bissau, as well as the critical factors that could help turnaround EAGB's financial position (Figure 5. and 6). In the short-term, therefore, the recommendations are the following



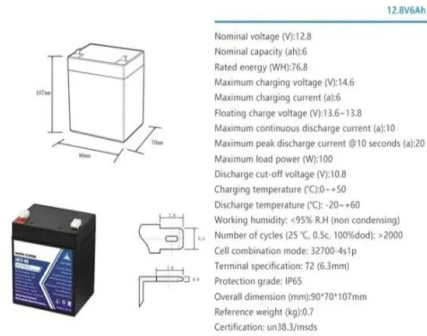
## Guinea-Bissau , History, Map, Flag, Population, Capital, Language

6 ???· Guinea-Bissau is a country of western Africa. Situated on the Atlantic coast, the predominantly low-lying country is slightly hilly farther inland. 2012; power was transferred to a democratically elected government on June 23, 2014. Includes two seats reserved for citizens of Guinea-Bissau residing abroad. Umaro Sissoco Embaló was declared

## Energy a key component of Country Strategy for Guinea-Bissau

The bank will continue implementing the Bissau

City Power Supply Improvement Project. It is also expected to conclude the preparation study of the Saltinho hydroelectric plant. The expected results in the energy sector are: installing 500 solar street lamps, reducing energy loss, finalising the 225-kV western backbone interconnection line in



12.8V6Ah

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (Wh):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C): -20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%dod): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/mcxs



## Guinea-Bissau: 30 years of militarized democratization (1991-2021)

The holders of "real power" in Guinea-Bissau shall be discussed later in this study. For now, it is important to emphasize what Chabal (1996, p. 325) discussed in 1993, a year before the first democratic elections were held in Guinea-Bissau. Rather, it underscores the persistence of military power as among the factors that have

## Guinea Bissau: Power Sector Policy Note

Guinea Bissau: Power Sector Policy Note  
 EXECUTIVE SUMMARY The electricity sector in Guinea Bissau is in the midst of a transformational reform towards a sustainable development characterized by reliable, greener and affordable service delivery. The electricity sector has been trapped in a downward spiral for decades due to political instability,



Higher Anti-Rust Performance  
 Lower Internal Impedance

12V 100Ah  
 LiFePO4 Battery  
 Lithium Iron Phosphate Deep Cycle Battery  
 Made in China

Dimensions: 13.07in/332mm (length), 6.71in/172mm (width), 8.66in/220mm (height)

- Sturdy Handle
- Insulating Cap
- ABS Case
- M8 Terminal

## Contact Us

For catalog requests, pricing, or partnerships, please visit:

<https://ssab-proiect.eu>