

# **West Africa Solar PV Panel Market Size, Share & Trends Analysis Report By Technology (Thin film, Crystalline Silicon), By Grid (On-grid, Off-grid), By Application (Residential, Industrial, Commercial), By Region, And Segment Forecasts, 2022 - 2030**

<https://marketpublishers.com/r/WC0DB041B16CEN.html>

Date: July 2022

Pages: 57

Price: US\$ 5,950.00 (Single User License)

ID: WC0DB041B16CEN

## **Abstracts**

**This report can be delivered to the clients within Immediate**

### **West Africa Solar PV Panels Market Growth & Trends**

The West Africa solar PV panels market size is expected to reach USD 844.27 million by 2030, according to a new report by Grand View Research, Inc. The market is expected to expand at a CAGR of 30.8% from 2022 to 2030. Growing concerns over energy conservation and transition from non-renewable sources of energy to renewable sources are projected to surge the demand for solar energy and panels over the estimated period.

The captured solar radiations are further converted into power, which is used in applications such as commercial, industrial, and residential. Increasing usage of solar power as a potential source of commercial energy generation has gained acceptance owing to the reducing PV panel cost, which is expected to further enhance the growth of the industry.

Countries prone to natural calamities such as tropical cyclones and floods can be targeted by the installers. At times of natural calamities, many times utilities are unable to supply electricity owing to the damage to the electricity distribution system. In this scenario, solar PV systems can act as a feasible solution for residential customers to guarantee an uninterrupted power supply.

Escalating environmental concerns have encouraged regulatory authorities to draft supportive policies and plans for solar photovoltaics across the region. The regulatory authorities emphasize the installation of solar PV in applications such as residential, and commercial buildings.

West Africa receives a high amount of sunlight throughout the year which makes solar PV panels more efficient. Many countries in the region are looking to capitalize on the region's solar power favorable climate and install solar power stations. Countries such as Togo, Mali, Nigeria, and Niger have promoted investment in solar power generation in their countries. These factors are expected to drive market growth in the forecast period.

### West Africa Solar PV Panels Market Report Highlights

In terms of revenue, the thin film accounted for the largest market share of 49.75% in 2021 and is further expected to witness stable growth over the projection period

As of 2021, others segment includes the organic and concentrating type of solar PV panels. On-grid PV systems have low costs as the excess electricity generated by them is transmitted to grids

Various strategic initiatives were recorded over the past few years to boost the growth of the market. For instance, in December 2021, Falcore Power and Energy is the developer of Gezhouba Lagos Solar PV Park. It is a 360 MW solar PV project located in Lagos, Nigeria. The construction of the project will start by 2022 and operations will commence by 2023

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market segmentation & scope
- 1.2. Information procurement
  - 1.2.1. Purchased database
  - 1.2.2. GVR's internal database
  - 1.2.3. Secondary sources & third-party perspectives
  - 1.2.4. Primary research
- 1.3. Information analysis
  - 1.3.1. Data analysis models
- 1.4. Market formulation & data visualization
- 1.5. Data validation & publishing

### **CHAPTER 2. EXECUTIVE SUMMARY**

### **CHAPTER 3. WEST AFRICA SOLAR PV PANELS MARKET VARIABLES, TRENDS & SCOPE**

- 3.1. Industry Value Chain Analysis
- 3.2. Raw Material Trends
- 3.3. Market Dynamics
  - 3.3.1. Market Driver Analysis
  - 3.3.2. Market Restraint Analysis
  - 3.3.3. Opportunity Assessment
- 3.4. Penetration & Growth Prospect Mapping
- 3.5. Regulatory Framework
- 3.6. Business Environment Analysis Tools
  - 3.6.1. Industry Analysis - Porter's
  - 3.6.2. PESTEL Analysis
- 3.7. Impact of Corona Virus on West Africa Solar PV Panels Market

### **CHAPTER 4. WEST AFRICA SOLAR PV PANELS MARKET TECHNOLOGY OUTLOOK**

- 4.1. Market Size Estimates & Forecasts and Trend Analysis, 2019 - 2030 (Revenue, USD Million)
- 4.2. Thin film

- 4.2.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)
- 4.3. Crystalline
  - 4.3.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)
- 4.4. Others
  - 4.4.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)

## **CHAPTER 5. WEST AFRICA SOLAR PV PANELS MARKET TECHNOLOGY OUTLOOK**

- 5.1. Market Size Estimates & Forecasts and Trend Analysis, 2019 - 2030 (Revenue, USD Million)
- 5.2. On-Grid
  - 5.2.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)
- 5.3. Off-Grid
  - 5.3.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)

## **CHAPTER 6. WEST AFRICA SOLAR PV PANELS MARKET APPLICATION OUTLOOK**

- 6.1. Market Size Estimates & Forecasts and Trend Analysis, 2019 - 2030 (Revenue, USD Million)
- 6.2. Residential
  - 6.2.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)
- 6.3. Commercial
  - 6.3.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)
- 6.4. Industrial
  - 6.4.1. Market estimates and forecasts by region, 2019 - 2030 (Revenue, USD Million)

## **CHAPTER 7. WEST AFRICA SOLAR PV PANELS REGIONAL OUTLOOK**

- 7.1. West Africa Solar PV Panels Market, By Region, 2019 & 2027
- 7.2. West Africa
  - 7.2.1. Market estimates and forecasts by Technology, 2019 - 2030 (Revenue, USD Million)
  - 7.2.2. Market estimates and forecasts by Grid, 2019 - 2030 (Revenue, USD Million)
  - 7.2.3. Market estimates and forecasts by Application, 2019 - 2030 (Revenue, USD Million)
  - 7.2.4. Nigeria
    - 7.2.4.1. Market estimates and forecasts by Technology, 2019 - 2030 (Revenue, USD Million)

Million)

7.2.4.2. Market estimates and forecasts by Grid, 2019 - 2030 (Revenue, USD Million)

7.2.4.3. Market estimates and forecasts by Application, 2019 - 2030 (Revenue, USD Million)

## **CHAPTER 8. COMPETITIVE LANDSCAPE**

### 8.1. SunPower Corporation

8.1.1. Company Overview

8.1.2. Financial Performance

8.1.3. Product Benchmarking

8.1.4. Recent Developments

### 8.2. Trina Solar

8.2.1. Company Overview

8.2.2. Financial Performance

8.2.3. Product Benchmarking

8.2.4. Recent Developments

### 8.3. Canadian Solar

8.3.1. Company Overview

8.3.2. Financial Performance

8.3.3. Product Benchmarking

8.3.4. Recent Developments

### 8.4. First Solar

8.4.1. Company overview

8.4.2. Financial performance

8.4.3. Product benchmarking

8.4.4. Recent Developments

### 8.5. Jinko Solar

8.5.1. Company Overview

8.5.2. Financial Performance

8.5.3. Product Benchmarking

8.5.4. Recent developments

### 8.6. JA Solar Technology Co., Ltd.

8.6.1. Company Overview

8.6.2. Financial Performance

8.6.3. Product Benchmarking

8.6.4. Recent Developments

### 8.7. Hanergy Holding Group Ltd.

8.7.1. Company Overview

- 8.7.2. Financial Performance
- 8.7.3. Product Benchmarking
- 8.7.4. Recent Developments
- 8.8. HIANs Energy Solutions Ltd.,
  - 8.8.1. Company Overview
  - 8.8.2. Financial Performance
  - 8.8.3. Product Benchmarking
  - 8.8.4. Recent Developments
- 8.9. ARTsolar (Pty) Ltd
  - 8.9.1. Company Overview
  - 8.9.2. Financial Performance
  - 8.9.3. Product Benchmarking
  - 8.9.4. Recent Developments
- 8.10. Sunhive
  - 8.10.1. Company Overview
  - 8.10.2. Financial Performance
  - 8.10.3. Product Benchmarking
  - 8.10.4. Recent Developments

## List Of Tables

### LIST OF TABLES

TABLE 1 West Africa Solar PV Panels Market, 2019 - 2030 (USD Million)

TABLE 2 West Africa Solar PV Panels Market estimates and forecasts by Application, 2019 - 2030 (USD Million)

TABLE 3 West Africa Solar PV Panels Market estimates and forecasts by Grid, 2019 - 2030 (USD Million)

TABLE 4 West Africa Solar PV Panels Market estimates and forecasts by Technology, 2019 - 2030 (USD Million)

TABLE 5 West Africa Solar PV Panels - Key Market Restraint

TABLE 6 West Africa Solar PV Panels market by region, 2019 - 2030 (USD Million)

TABLE 7 West Africa Solar PV Panels Market by Technology, 2019 - 2030 ( USD Million)

TABLE 7 West Africa Solar PV Panels market by Grid, 2019 - 2030 (USD Million)

TABLE 8 West Africa Solar PV Panels market by Application, 2019 - 2030 (USD Million)

TABLE 9 Nigeria Solar PV Panels market by Technology, 2019 - 2030 (USD Million)

TABLE 10 Nigeria Solar PV Panels market by Grid, 2019 - 2030 (USD Million)

TABLE 11 Nigeria Solar PV Panels market by Application, 2019 - 2030 (USD Million)

## List Of Figures

### LIST OF FIGURES

FIG. 1 Market segmentation & scope

FIG. 2 West Africa Solar PV Panels market size and growth prospects

FIG. 3 West Africa Solar PV Panels Value chain analysis

FIG. 4 Market Dynamics

FIG. 5 West Africa Solar PV Panels market - Penetration & Growth Prospect Mapping

FIG. 6 Porter's Five Forces Analysis

FIG. 7 PEST Analysis for West Africa Solar PV Panels Industry

FIG. 8 West Africa Solar PV Panels Solar Panels Market: Technology Movement Analysis 2021 & 2030

FIG. 9 West Africa Solar PV Panels Solar Panels Market: Grid Movement Analysis 2021 & 2030

FIG. 10 West Africa Solar PV Panels Solar Panels Market: Application Movement Analysis 2021 & 2030

FIG. 11 West Africa Solar PV Panels Solar Panels Market: Country Movement Analysis 2021 & 2030



## I would like to order

Product name: West Africa Solar PV Panel Market Size, Share & Trends Analysis Report By Technology (Thin film, Crystalline Silicon), By Grid (On-grid, Off-grid), By Application (Residential, Industrial, Commercial), By Region, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/WC0DB041B16CEN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/WC0DB041B16CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970