



# North Africa PV module exports





## Overview

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Wood Mackenzie forecasts the Middle East and North Africa region will emerge as a tariff haven and overtake Southeast Asia as a top solar export hub, becoming the primary exporter of solar panels to the US towards the end of this decade.

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Over the 12 months to June 2025, imports of solar photovoltaic (PV) panels into Africa reached record levels, driven overwhelmingly by Chinese exports. The scale is striking: total panel imports to the continent hit roughly 15 gigawatts (GW) in the year to June 2025, a 60 per cent increase on the.

This report presents Ember's analysis of Africa's imports of solar panels from China. The Chinese solar panel export data gives valuable insights because it includes imports up to June 2025, at a monthly granularity, and for every country in the world. The data can be found in Ember's China Solar.

Renewables provide a potential solution to meet much of this demand growth: Africa has almost unlimited potential for solar capacity (10 TW) and abundant hydro (350 GW), wind (110 GW), and geothermal energy sources (15 GW)<sup>2</sup>. Building renewable energy capacity would bring two significant benefits:.

Despite the challenges outlined above, there are opportunities for Africa to integrate into the global solar PV value chain, particularly through the export of raw materials. Africa is already a significant exporter of key minerals required for solar PV production, including copper and tin.

In the 12 months leading up to June 2025, Africa Solar Imports reached unprecedented levels, primarily driven by Chinese photovoltaic (PV) panels. Total imports soared to around 15 gigawatts (GW), representing a 60% year-on-year

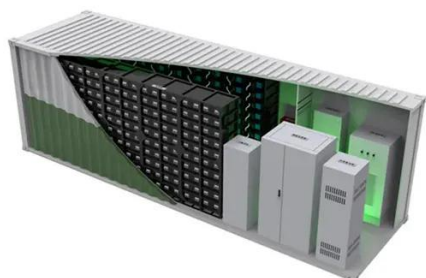


increase. Excluding South Africa, other African markets accounted for.



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### [Africa Solar Imports: 10 Shocking Trends Transforming 2025](#)

The uptake of Africa Solar Imports is particularly strong in North Africa and the Sahel regions. Egypt and Morocco anchor large utility projects, while Senegal, Mali, and ...

### [New map tracks Africa solar manufacturing growth](#)

Covering the entire value chain, from polysilicon production to module assembly, the initiative underscores the growing role of the Middle East and Africa as supply hubs for ...

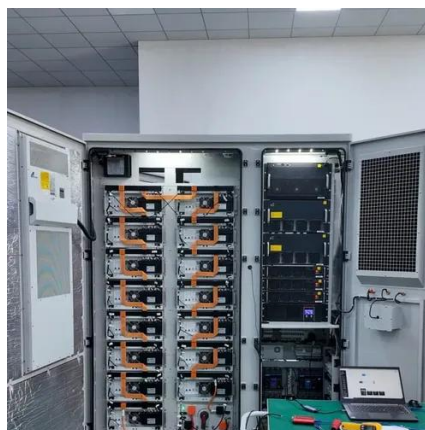


### [Solar Energy Supply Chain Map , MENA & Sub Saharan Africa](#)

Comprehensive Solar Supply Chain Map by Sinovoltaics, featuring MENA and Sub-Saharan Africa regions with analysis for global solar procurement strategies.

### [Africa Renewable Energy Manufacturing](#)

Fiscal incentives have helped the growth of solar PV module manufacturing companies in South Africa, Egypt, and Tunisia. They have also facilitated the emergence of an assembly sector for ...



### China Powers Ahead in Middle East and North Africa Solar Markets

The North African market is seeing similarly robust growth: in the first half of 2025, China's module exports to Africa jumped 47.5% year-on-year. Leading Chinese manufacturers ...

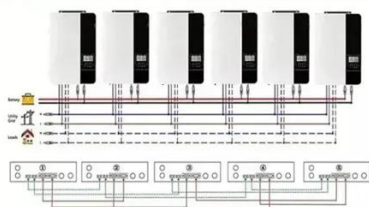


### Solar photovoltaic manufacturing in Africa: ...

The production of solar PV cells, modules, and other components requires advanced manufacturing processes, skilled labor, ...

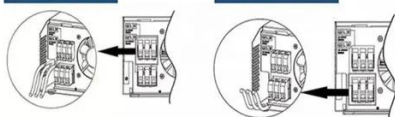


Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires

AC output wires



### The first evidence of a take-off in solar in Africa

This section takes the latest export data from China's customs data, to quantify and analyse the import of solar panels into African countries. The vast majority of Africa's solar ...

### Solar photovoltaic manufacturing in Africa: Opportunity or mirage



The production of solar PV cells, modules, and other components requires advanced manufacturing processes, skilled labor, and well-developed infrastructure. ...



2MW / 5MWh  
Customizable



### [Solar manufacturing surges in Middle East and North Africa](#)

Solar manufacturing is booming in the Middle East and North Africa. Explore the opportunities in this growing tariff haven today!

### **Africa's Solar Take-Off: The Record Import Boom Rewiring The ...**

Over the 12 months to June 2025, imports of solar photovoltaic (PV) panels into Africa reached record levels, driven overwhelmingly by Chinese exports.



### **Middle East, North Africa solar manufacturing capacity to reach ...**

Wood Mackenzie forecasts the Middle East and North Africa region will emerge as a tariff haven and overtake Southeast Asia as a top solar export hub, becoming the primary ...



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