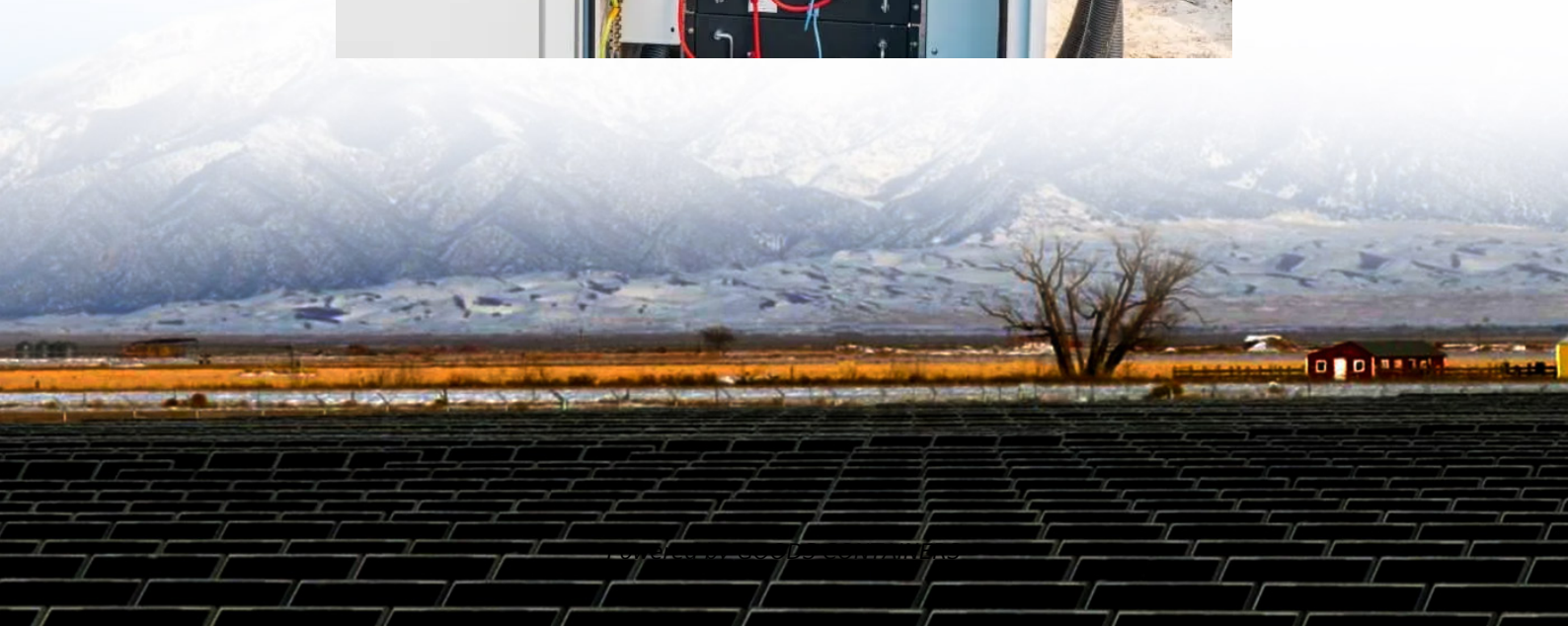


# **New solar panels in China and Africa**





## Overview

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### Does Africa Import solar panels from China?

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 Export Explorer.

### Are solar panels taking off in Africa?

The first evidence of a take-off in solar in Africa is now here: The last 12 months saw a big rise in Africa's solar panel imports. Imports from China rose 60% in the last 12 months to 15,032 MW. Over the last two years, the imports of solar panels outside of South Africa have nearly tripled from 3,734 MW to 11,248 MW.

### How many solar panels did Africa Import in 2025?

Africa's solar panel imports set a new record in the 12 months to June 2025, reaching 15,032 MW — a 60% increase on the 9,379 MW imported in the preceding 12 months. The last time imports surged was in 2023, when South Africa solar imports picked up as the power crisis hit its peak.

### Could China's solar panels help meet Africa's energy needs?

From Algeria on the Mediterranean coast to landlocked Zambia in the south, countries across Africa have been importing significantly more solar panels from China this year than in the past, which analysts say could be the start of a massive effort to help meet the continent's power demands with renewable energy instead of fossil fuels.



## New solar panels in China and Africa

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### [Africa Sets Record in Chinese Solar Panel Imports Amid ...](#)

Africa is experiencing an unprecedented surge in solar adoption, driven largely by record imports of Chinese-manufactured solar panels. According to recent data, in May 2025 ...

### **African countries register record imports of Chinese solar panels**

Solar panel imports into Africa rose by a record 60 per cent in the 12 months to June 2025 according to a new analysis of China's solar panel exports, indicating a steady ...



### [Africa Is Buying a Record Number of Chinese Solar Panels](#)

Energy-starved countries on the continent have reluctantly turned to coal and gas for decades. Cheap Chinese solar panels are now finally changing the calculus.



### [The first evidence of a take-off in solar in Africa](#)

About 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 ...



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Africa's energy story is beginning to shift. For decades, the continent has struggled with unreliable grids, fuel shortages, and costly imports. But in May this year, a quiet revolution

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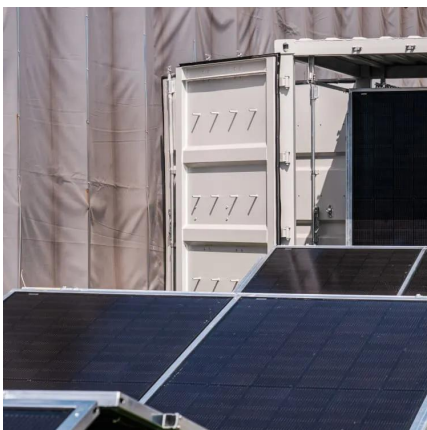
### [African PV imports from China up 60% in one ...](#)

The number of solar modules shipped from China to Africa increased by 60% in the 12 months to June 2025, according to new analysis from Ember. The think tank recorded 15 GW of Chinese PV imports



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