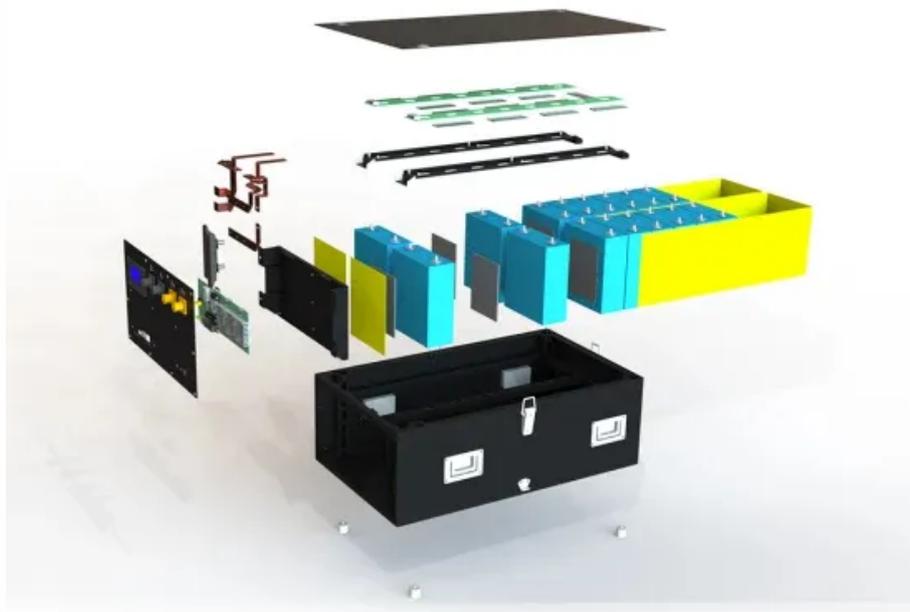


EQACC SOLAR

China-Africa solar Modules



Overview

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.

Where do Africa's solar panels come from?

The vast majority of Africa's solar panels come from Chinese imports. That is because China produced 80% of the world's solar panels in 2024, and is by far the biggest exporter. Africa depends heavily on imports because domestic solar panel manufacturing is still limited.

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.

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.

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Africa's Solar Imports from China Surge 60

Africa's solar imports from China hit 15 GW in 2025, up 60%. Record growth signals a clean energy boom, but capacity still lags global ...

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Chinese solar panel exports to Africa increase 110% year on ...

China's solar PV module export volumes for the months of January and February 2025 were significantly weaker than last year, according to InfoLink Consulting. The country ...



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China's solar panel sales to Africa soar

Solar panel imports into Africa rose by 60% in the 12 months to June 2025, reflecting the positive momentum in the renewables ...



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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 ...

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Africa Is Buying a Record Number of Chinese ...

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

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Ember: African imports of Chinese solar panels up to over 15GW

Africa imported over 15GW of panels from China in the 12 months to June 2025, a 60% increase over the imports recorded in the prior year.

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African countries register record imports of Chinese solar ...

The report relies on data from Chinese imports because the vast majority of



Africa's solar panels come from the Asian giant, and because China produced 80 per cent of ...

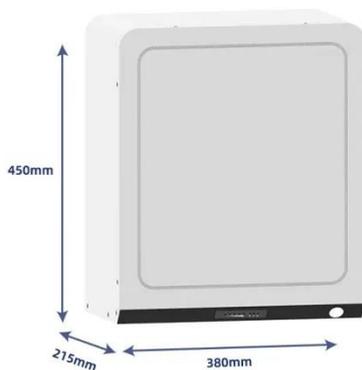
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Africa Is Buying a Record Number of Chinese Solar Panels

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.



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Ember: African imports of Chinese solar ...

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Africa Imports Record Chinese Solar Panels -- ...

Africa's energy story is beginning to shift. For decades, the continent has

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Africa's Solar Imports from China Surge 60% in 2025, ...

Africa's solar imports from China hit 15 GW in 2025, up 60%. Record growth signals a clean energy boom, but capacity still lags global pace.

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Africa Imports Record Chinese Solar Panels -- A Solar Energy

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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 ...

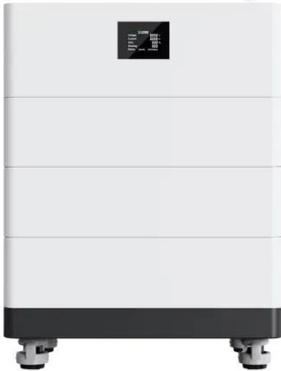
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The first evidence of a take-off in solar in Africa

About This report presents Ember's analysis of Africa's imports of solar

High Voltage Solar Battery



panels from China. The Chinese solar panel export data gives valuable insights because it includes ...

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African PV imports from China up 60% in one year, says Ember

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 ...

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Africa's Chinese Solar Module Imports Surge 60% In A Year

Africa is witnessing a sharp rise in solar adoption, with panel imports from China jumping 60% in the past 12 months to June 2025 to 15.03 GW, compared to 9.4 GW in the ...

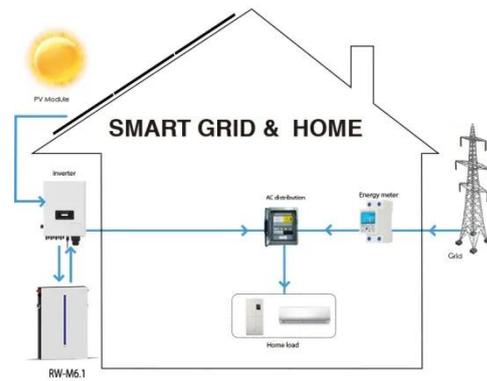
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