

---

# China-Africa import and export of solar modules

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.

Why does Africa Import solar panels?

Africa depends heavily on imports because domestic solar panel manufacturing is still limited. Morocco recently doubled manufacturing to 1 GW per year, and South Africa has a similar capacity, and there are much smaller manufacturing lines in some countries including Egypt and Nigeria.

How many solar panels are imported outside of South Africa?

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. The rise happened across Africa. 20 countries set a new record for the imports of solar panels in the 12 months to June 2025. 25 countries imported at least 100 MW, up from 15 countries 12 months before.

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.

Africa imports record 15 GW of solar, fueling electrification. But the continent grapples with limited local manufacturing & supply chain challenges.

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 ...

The clearest signal of Africa's solar rise comes not from domestic capacity figures but from trade flows. According to new research, "The first evidence of a take-off in solar in Africa" by energy think tank ...

Africa Africa imported 2 GW of modules from China in September, up 16% MoM and up 149% YoY from 0.8 GW. From January to September, cumulative Chinese module ...

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.

Africa's solar imports from China surged 60% to exceed 15 GW in the last 12 months to June 2025, indicating rising demand, says Ember Imports outside South Africa grew ...

---

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 ...

Web: <https://stanfashion.pl>

