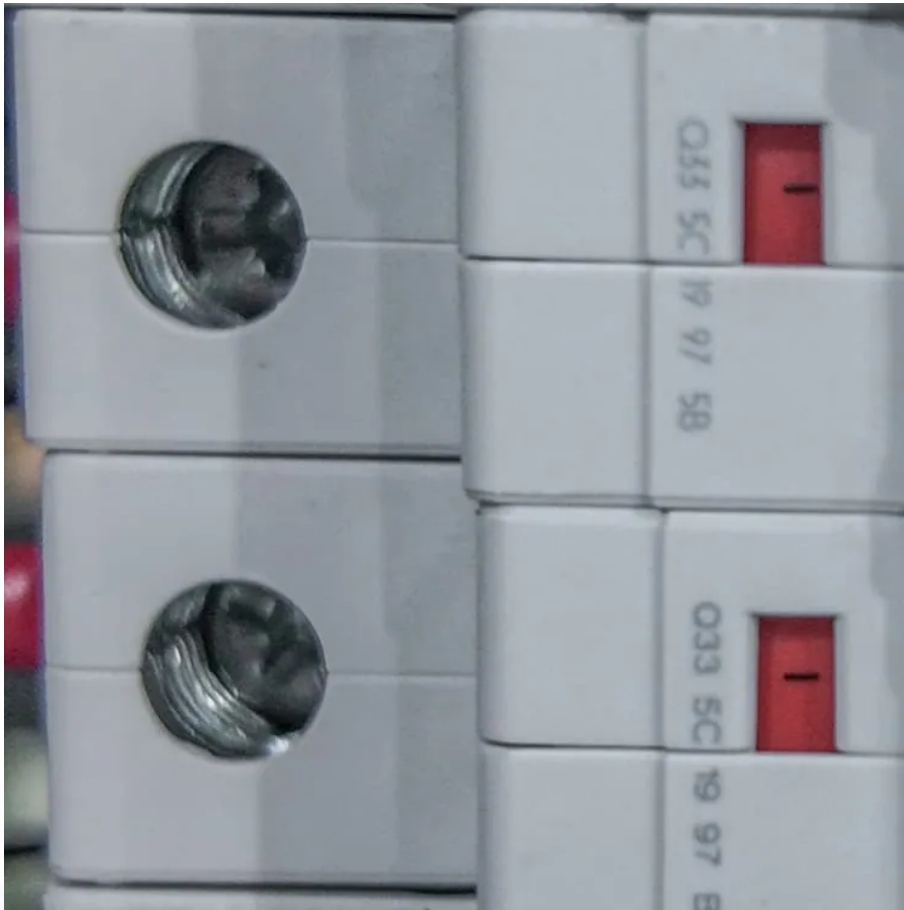


Solar module production and export





Overview

Which countries import the most solar modules in 2024?

From January to December 2024, China exported 10.57 GW of modules to Spain, down 10% YoY from 11.75 GW, accounting for 11% of the Europe's total, while the Netherlands led with a 40% share. The Asia-Pacific imported 4.56 GW of modules from China in December 2024, down 10% MoM from 5.08 GW and down 30% YoY from 6.56 GW.

How many GW of solar modules did Africa Import in 2024?

Africa imported 1.31 GW of modules from China in December 2024, up 17% MoM from 1.12 GW and up 222% YoY from 0.41 GW. China exported 3.62 GW of modules to the Africa in 4Q24, up 164 % YoY from 1.37 GW. In 2024, cumulative shipments to the Middle East reached 11.36 GW, representing a 43% YoY increase from 7.94 GW.

How much solar energy does China Export?

It exported about 205.9 GW volume. The country's solar PV installations during the same period added up to 181.30 GW (see China's January-October 2024 Solar PV Installations Exceed 180 GW). With another 2 months to go, these figures can be expected to go up further.

What are China's solar PV exports?

In 2021, the value of China's solar PV exports was over USD 30 billion, almost 7% of China's trade surplus over the last five years. In addition, Chinese investments in Malaysia and Viet Nam also made these countries major exporters of PV products, accounting for around 10% and 5% respectively of their trade surpluses since 2017.



Solar module production and export



[International Solar PV and BESS Manufacturing Trends](#)

Mar 24, 2025 · The US will likely exit 2025 with 55-60GW pa of solar module manufacturing capacity (assuming ~10GW of manufacturing proposal cancellations), ironically with more than ...

China's Photovoltaic Module Exports to Asia-Pacific: A Look ...

Dec 8, 2025 · In September 2024, China exported approximately 3.86GW of photovoltaic modules to the Asia-Pacific market, reflecting a 17% decrease from 4.63GW in August and a 45% ...



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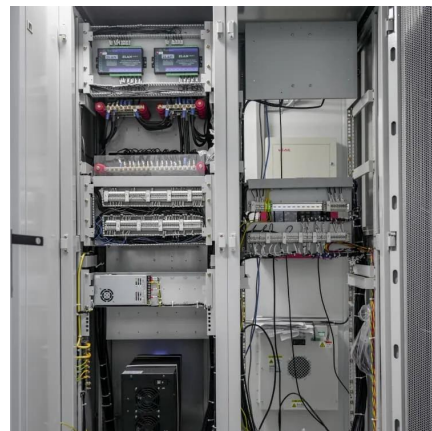
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[Photovoltaic Module Export Process and Classification, ...](#)

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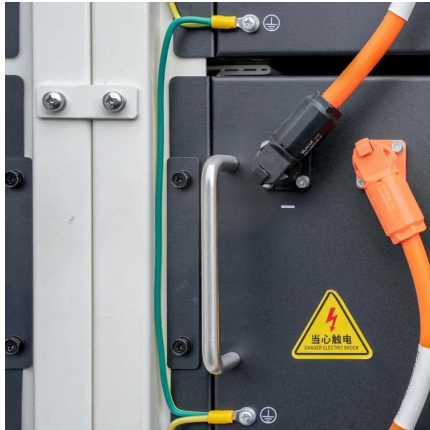
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