

Does China's solar industry have a global reach?

In 2023, China achieved record photovoltaic export volume growth across all subcomponents, driving manufacturing expansion in emerging markets. Following Wood Mackenzie's recent presentation at the SNEC Solar PV Conference & Exhibition in Shanghai in June, we share our insights on the global reach of China's solar and storage industry.

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.

Where do solar PV exports come from?

The latest monthly solar PV export data from the world's largest exporter, China, by country or region of destination. Ember China solar export dataset provides the following information: The IEA has stated that China's solar photovoltaic exports account for 80% of the global market.

Why does China export solar panels & modules?

China maintained its dominant grip on the export of solar panels and modules: The total solar module exports from China in 2023 amounted to around 220 Gigawatts (GW) of generation capacity, up 33.5 per cent from 2022 (when about 164 GW capacity was exported), possibly driven by global markets' efforts to expand clean energy generation.

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China is expanding rapidly in the global new energy market with a ramp-up of product exports including solar modules and lithium batteries, buoyed by increasing global demand amid ...

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China has consistently been at the forefront of global research and development in solar power generation technology. Longi Green Energy Technology Co Ltd, a leading enterprise in the ...

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InfoLink's customs data shows that China exported about 23.38 GW of PV modules in March 2025, up 44% MoM but down 5% YoY from 24.51 GW. China's total module exports reached ...

Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers, cells and modules) exceeds 80%. This is more than double China's share of global ...

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China's exports of the "New Three"--solar photovoltaic (PV), lithium-ion The China Green ...

China's solar cell exports have surged to unprecedented levels, driven by a perfect storm of global decarbonization policies, manufacturing efficiency, and shifting trade patterns. This boom is ...

China's Role in Global Solar Energy with China solar cell exports China's continued expansion in solar cell exports underscores its pivotal role in the global renewable energy sector. ...

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