

# New solar container exports to Europe

Can You import solar modules from China to Europe?

When importing solar modules from China to Europe, various pitfalls can arise in the logistics process that may disrupt the schedule or cause unexpected costs. Here is an overview of the most common risks: Customs is a central checkpoint -- but it is precisely here that delays can occur.

How are solar modules transported in Europe?

Most solar modules are transported further within Europe by truck. Especially in Germany and the EU, road transport is often the fastest and most flexible way to reach even remote locations. However, transporting solar modules is not an everyday freight - they are sensitive and must be handled properly to avoid damage.

What is the EU export value of solar panels?

By contrast, the EU export value of wind turbines (EUR2.8 billion) was much higher than the corresponding value for imports. The EU import value of solar panels decreased by 43% between 2023 and 2024 (see Figure 2), due to a drop in prices, even though the quantity imported slightly increased by +2%.

Will China restrict solar-panel exports to certain countries?

The first is the economic risk that China might in the future make use of its predominant position in global solar PV manufacturing to distort the market and artificially obtain additional economic rents. The second is the geopolitical risk that China might restrict solar-panel exports to certain countries to pursue geopolitical goals.

Which countries import solar panels in 2024?

China(98%) was by far the largest partner for extra-EU imports of solar panels in 2024 (Figure 6). The largest extra-EU export destinations for solar panels were Switzerland (26%) and the United Kingdom (22%) see Figure 7. Almost a quarter of the extra-EU imports of liquid biofuels in 2024 came from China (24%) as shown in Figure 8.

Where do solar modules from China go?

Most solar modules from China travel to Europe by sea freight - because this is where cost savings and large capacities come together. The most important ports for exports are Shanghai and Ningbo, from where containers leave for Europe every day. Important to know:

On November 9, 2022, the 2MW YC single-glass 545W module was shipped to Tianjin Xingang with six containers, and will be shipped to the bonded warehouse in Valencia, Spain.

The region's export growth to North America remains dominant, Europe and the Indian Sub-Continent & Middle East exports from this region have shown significant increases. Europe saw ...



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Between 2023 and 2024, the exports of wind turbines saw the largest increase in value (+41%) while their quantity increased by 28% (see Figure 3). Exports of ...

The centerpiece of ZN MEOX's showcase at Intermodal Europe 2025 is its mobile solar container product, a hallmark of reliability and innovation. Branded under the MEOX line, this mobile solar ...

China's solar PV module exports hit 236 GW in 2024, with growth in all regions except Europe ... China exported 16.63 GW of modules in December 2024, up 9% MoM from 15.2 GW and ...

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Much of China's dominance of the global solar sector in general, and that of Europe in particular, comes from China's significant investment into ...

However, India's PV module exports to the US and Europe will likely decline starting from 2026 due to the operation of new domestic ...

Recently, Sungreen Logistics successfully shipped an overweight Energy storage container with a single container weight of 43 tons to Europe, once again setting a new industry ...

Asia-Pacific rose slightly by 4%, while Europe, the Americas, and the Middle East all recorded declines. Europe In July 2025, China exported 10 GW of modules to Europe, up 2% MoM ...

This latest report highlights the rapid changes taking place at European manufacturing facilities and across their supply chains. These shifts, ...

China's exports of solar modules are expected to gain further momentum this year, buoyed by increasing global demand amid green energy transition as well as Europe's plan to cut ...

See SolaraBox present at Intermodal Europe 2025 -- showcasing next-gen solar container solutions, modular systems, and sustainable logistics in Barcelona.

Discover how locating a solar factory near Portugal's ports offers a strategic advantage for exporting modules to North America, Africa, and Europe.

Europe is increasingly importing cheap PV panels from China, even more so in the last years with the American regulation limiting Chinese exports toward the United States, therefore ...

With Solarfold, you produce energy where it is needed and where it pays off. The innovative and mobile solar container contains 200 photovoltaic modules with a ...



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Eregli, Turkey (Ports Europe) November 19, 2025 - Kongsberg Maritime AS signed a contract with Med Marine Group AS to supply US-series azimuth thrusters and electric and hydraulic towing ...

The block's exports of wind turbines, solar panels and liquid biofuels saw substantial growth between 2022 and 2023, but a more balanced ...

In July 2025, China exported 10 GW of modules to Europe, up 2% MoM and up 16% YoY from 8.5 GW. From January to July 2025, China's total module exports to Europe reached 60.4 ...

Having kickstarted the solar industry with subsidies in the 2000s, Europe leads the United States in solar deployment. Yet, both regions generate similar amounts of electricity from ...

InfoLink's customs data shows that China exported about 21.39 GW of PV modules in April 2025, down nearly 9% MoM but up 2% YoY from 20.93 GW. As of the end of April 2025, China's ...

? The comprehensive section of the Europe Solar Container Market report is devoted to market dynamics, including influencing factors, market drivers, challenges, opportunities, and trends.

China's exports of solar modules are expected to continue gaining momentum this year, lifted by increasing global demand amid the green energy transition as well as Europe's plans ...

Learn how the Port of Gothenburg helps solar manufacturers streamline component imports and module exports with its Foreign Trade Zone and rail network.

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