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# Exporting solar modules to the EU

What is reshoring solar manufacturing to Europe?

The Reshoring Solar Manufacturing to Europe report, commissioned by SolarPower Europe and conducted by Fraunhofer ISE, quantifies the cost gap and lays out the policy levers needed for reshoring solar module manufacturing in line with the EU Net-Zero Industry Act (NZIA) ambitions for 2030.

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%.

What is the EU export value of solar panels & biofuels in 2024?

The EU import values of solar panels and liquid biofuels in 2024 were much higher than the corresponding EU export values which were EUR0.7 billion for solar panels and EUR1.8 billion for liquid biofuels. By contrast, the EU export value of wind turbines (EUR2.8 billion) was much higher than the corresponding value for imports.

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.

To export solar cells to Europe, compliance with specific certifications is necessary. 1. The mandatory certification is the CE ...

Discover the state of solar panel manufacturing in Europe, the challenges posed by imports, and what EU countries are doing to rebuild local production. Learn how European-made solar can ...

In the context of the European Green Deal, analyzing the EU trade in green energy products is crucial for understanding geopolitical dependencies, assessing energy security, ...

Summary: This guide explores the booming EU solar market, compliance requirements for photovoltaic module exports, and actionable strategies to establish sustainable partnerships. ...

In the context of the European Green Deal, analyzing the EU trade in green energy products is crucial for understanding geopolitical ...

5. Conclusion Exporting solar panels to Europe and the US in 2025 requires strategic planning, compliance with certifications, and efficient logistics. By prioritizing quality, ...

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What are the optimal levels of strategic solar module stockpiles in the European Union (EU) for achieving climate neutrality by 2050, and how might su...

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Unlock tariff-free access to the EU solar market. Learn how to manufacture solar modules in San Marino and navigate rules of origin for a key competitive edge.

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