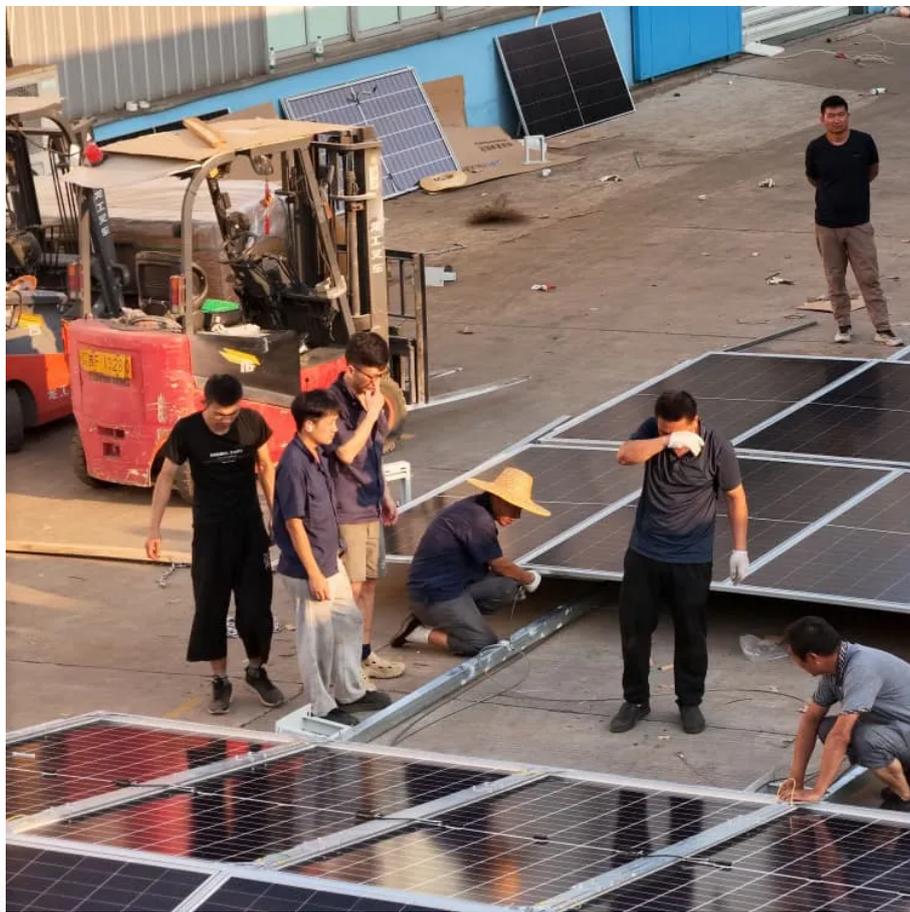


# **EU purchases solar panels and solar panels**





## Overview

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How many solar panels did the EU import in 2023?

In 2023, the EU imported €19.7 billion worth of solar panels, €3.9 billion of liquid biofuels and €0.3 billion worth of wind turbines from extra-EU countries. The value of imported solar panels decreased by 12% compared with 2022 due to a drop in prices, while the quantity increased by 5%.

What is the EU export value of solar panels?

By contrast, the EU export value of wind turbines (€2.8 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 €0.7 billion for solar panels and €1.8 billion for liquid biofuels. By contrast, the EU export value of wind turbines (€2.8 billion) was much higher than the corresponding value for imports.

Why do Eu solar panels come from China?

This is due to lower production costs in China and the EU's decision to lift tariffs on Chinese solar panels in 2018. According to Eurostat data, a staggering 98% of solar panels imported into the EU in 2023 came from China. In monetary terms, the EU imported €19.7 billion worth of solar PV panels from China in 2023.



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EU imports in green energy products higher than exports

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