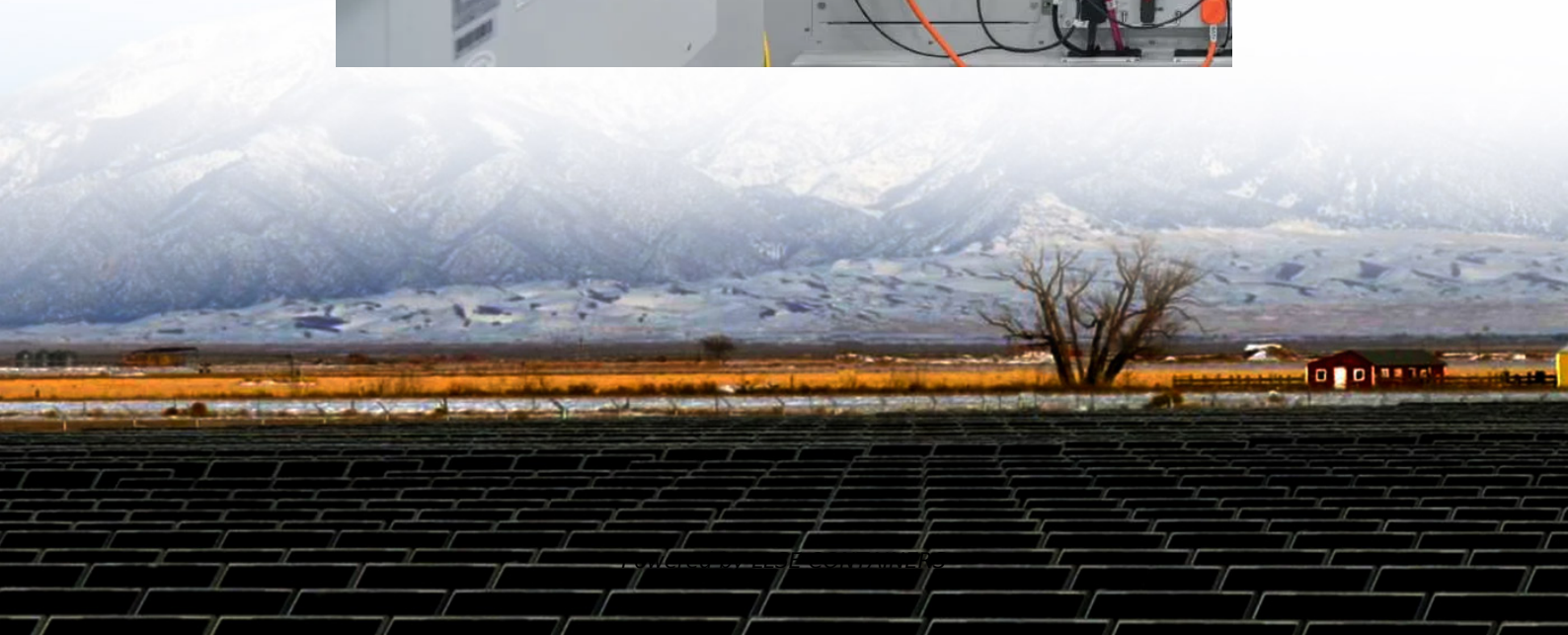


# **Export of non-standard solar components**





## Overview

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Are solar energy exports a substitute for PV exports?

Previous studies have also suggested that countries with high solar electricity generation are more likely to become substitute destinations for PV exports following trade restrictions in traditional markets (Gereffi et al., 2005; IEA, 2024; IRENA, 2023).

Why does China Export PV products to other countries?

By exporting to countries with perfect PV infrastructure and a high number of PV power plants, Chinese PV products not only found a new market outlet but also promoted the further development of the global PV industry. 5.1.3. Trade deflection: energy transition process.

How does heterogeneity affect the solar energy sector?

Heterogeneity analysis reveals varied impacts based on policy and investment levels. In the context of the worldwide shift toward sustainable energy and escalating trade barriers, the domestic solar energy sector encounters ongoing challenges from antidumping and countervailing measures.

Are Chinese PV exports sustainable?

In the short term, they led to a noticeable and substantial decrease in Chinese PV exports to Europe and the United States. In the long term, the negative impact on Chinese PV exports is not sustainable. The above conclusions are verified as reliable after multiple robustness tests.



## Export of non-standard solar components

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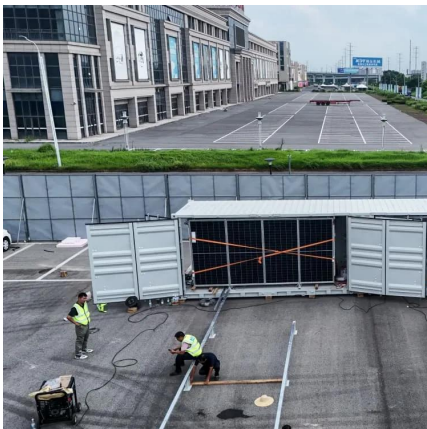
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