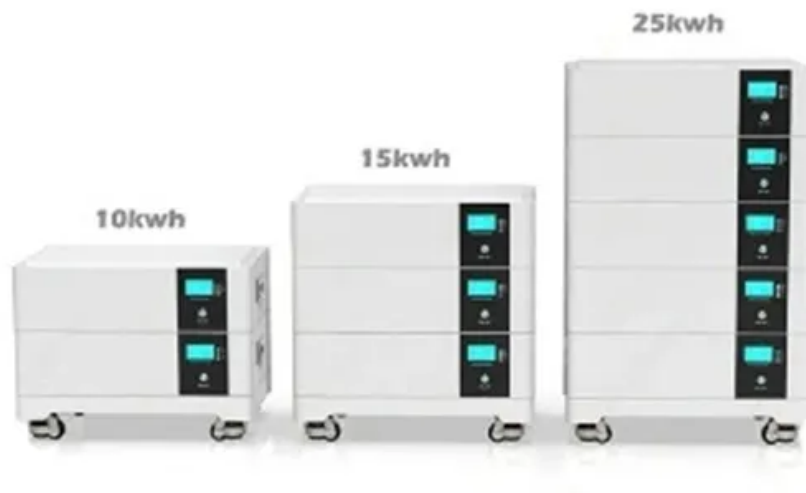


# China s solar power to Europe



## Overview

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The reason behind it is that China, which boasts the world's biggest production capacity in solar energy equipment and related goods, has found a matching buyer in Europe, a continent where advanced markets have accelerated ambitious energy transition goals after . The reason behind it is that China, which boasts the world's biggest production capacity in solar energy equipment and related goods, has found a matching buyer in Europe, a continent where advanced markets have accelerated ambitious energy transition goals after . A report by SolarPower Europe and Fraunhofer ISE finds EU-made solar modules cost €0. 12)/W more than Chinese imports, but targeted policies could close the gap and help reach the EU's 30 GW annual manufacturing target by 2030. Producing a solar module in Europe with EU-made solar cells . A new report from SolarPower Europe and Fraunhofer ISE models how solar systems that support supply chain resilience can be competitive with imports from China. Solar PV is the fastest-growing and most cost-effective electricity source worldwide. In an unstable geo- political environment characterised by weaponised dependencies, this risk has become unacceptable.

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### The dragon in the grid: Limiting China's influence in Europe's energy

The physical components of the energy system produced mostly in China, including solar modules, permanent magnets and grid-scale batteries, pose clear supply-chain risks for the EU.

### China dominates the solar power industry. The EU wants to change that

Without government support, German solar panels were quickly replaced by ones made in China, which, since 2011, invested 10 times more in the industry than Europe did.



### **The Rise of China's Solar Industry in Europe**

This has significant ramifications for countries and regions across the globe, none more so than Europe, where around 90% of the solar panels installed in the EU originated from China,

### Solar market shifts in Europe could give the industry a break

There has been little light relief for European manufacturers of solar panels over the past few years. A glut of cheap Chinese solar panels triggered a flurry of factory closures,





## China's solar companies shine in Europe

Europe has become the largest buyer of Chinese photovoltaic products in the world. Despite the rising prices in the solar supply chain, the number of PV modules exported by China to

### With solar industry in crisis, Europe in a bind over Chinese imports

Europe's green energy transition is stuck between a rock and a hard place. A flood of cheap Chinese solar panel imports is driving record solar energy installations.



### China accounted for 98% of all solar panels imported into the EU last

China is by far the largest exporter of solar panels to the European Union, accounting for 98% of all EU imports in 2023, new data from Eurostat has shown.

## Reshoring Solar Manufacturing to Europe

A new report from SolarPower Europe and Fraunhofer ISE models how solar systems that support supply chain resilience can be competitive with imports from China.

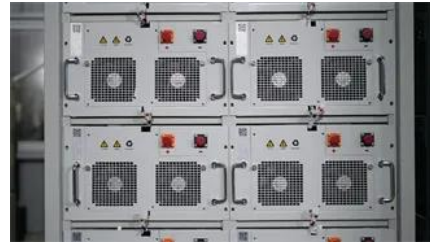


### EU policies could cut cost gap between European and Chinese solar

A report by SolarPower Europe and Fraunhofer ISE finds EU-made solar modules cost EUR0.103 (\$0.12)/W more than Chinese imports, but targeted policies could close the gap and help

## [Outshone By China, Can Europe Make A Solar Comeback Before It](#)

While China's dominance of solar manufacturing is undisputed, a growing chorus of investors, innovators, and policymakers believes Europe can still rebound-if it acts decisively.



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