

# **Price of high-quality solar modules in China and Europe**





## Overview

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Will EU-made solar modules be more expensive than Chinese imports?

A report by SolarPower Europe and Fraunhofer ISE finds EU-made solar modules cost €0.103 (\$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.

How much are Chinese solar modules worth?

Prices for Chinese solar modules have reached record lows, according to the latest data from OPIS. The benchmark assessment for TOPCon modules from China has fallen to \$0.100 per watt, a decline of \$0.005 per watt compared to the previous week. Similarly, Mono PERC module prices have also dropped by \$0.005 per watt, now standing at \$0.090 per watt.

Why are solar panels so expensive in China?

An increase in domestic demand for modules in China, the world's largest solar PV market, is causing an increase in prices. According to pvXchange, the price of panels across all power classes increased by an average of €0.5 (\$0.54)/W in March 2025.

How much will solar panels cost in China?

Analysts expect spot prices for solar modules to peak at CNY 0.73 (\$0.10)/W and averaging around CNY 0.70 (\$0.096)/W. Once the rush is over, prices may go down to CNY 0.70/W or even lower (see China's FIT Policy End To Push Up Prices Across PV Value Chain).



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### [European solar module price rise heralds 'new pricing balance'](#)

Feb 6, 2025 · PV module prices in Europe have risen after months of decline, driven by price increases from Chinese manufacturers and a tight supply of popular modules.

### [PV Index: Price upticks in April 2025 signal supply strains](#)

May 6, 2025 · With a PMI of 70 and module supply under pressure, the European solar market faces a critical juncture. Price increases for N-type and bifacial modules signal ongoing stock ...



### [Photovoltaic Module Prices 2025: Updated ...](#)

Oct 7, 2025 · Updated photovoltaic module prices 2025: in August, high-efficiency solar panels fell to an average of EUR0.12/Wp in Europe.



### [Global Solar Module Prices Stabilize as Markets Calm Toward ...](#)

Mar 17, 2025 · Solar module prices stabilize globally as China's TOPCon modules hold at \$0.087/watt, Europe sees a slight rise to EUR0.099/watt, and U.S. prices steady at \$0.285/watt ...



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

Sep 25, 2025 · 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 ...



### [China Module Prices Decline Amid Weak...](#)

Jul 5, 2024 · As the market struggles with low demand, these new record low prices highlight the ongoing challenges faced by Chinese solar module ...



### [China's Solar Demand Sparks EUR0.5/W Increase in Module Prices](#)

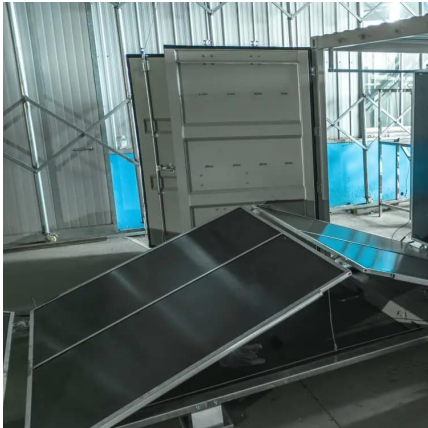
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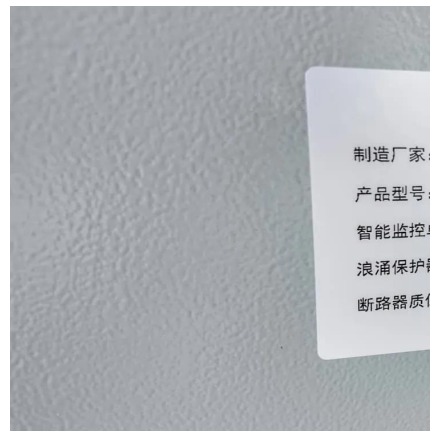


### [PV Price Watch: China's module prices reach RMB0.75/W](#)

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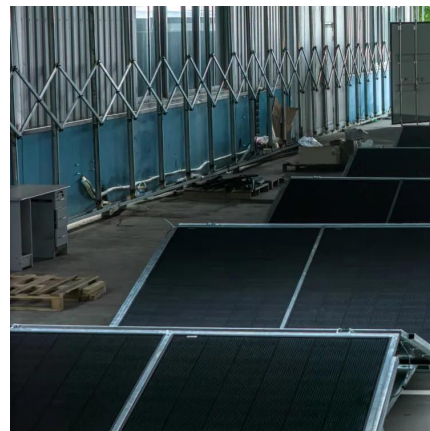


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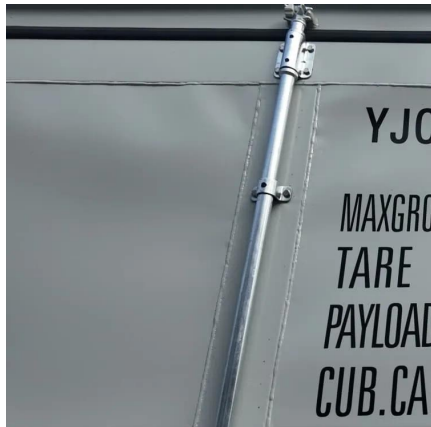
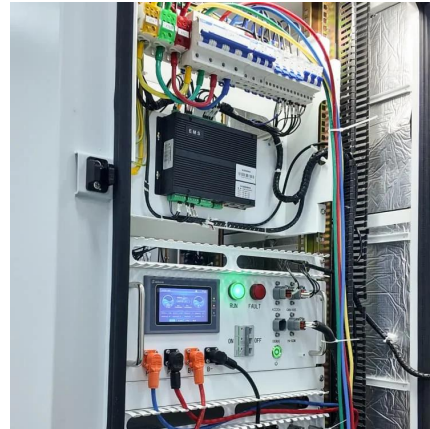
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