

# Photovoltaic module prices lowered





## Overview

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Prices have begun to fall after a brief stabilization phase – declining by around 5% to 8% across all technology classes in recent weeks. This drop returns prices to levels seen at the beginning of the year, a range that remains unprofitable for most module producers. How much does a photovoltaic module cost?

Mainstream Modules: Average price of €0.11/Wp, stable compared to September but 21.4% lower than January 2024. Low-Cost Modules: Average price of €0.065/Wp, a 7.1% decrease from September and 27.8% from January 2024. These trends are exerting mounting pressure on the photovoltaic sector.

How much does a photovoltaic panel cost?

Mainstream Photovoltaic Panels: Average price of €0.10/Wp, down 9.1% month-on-month. Low-Cost Photovoltaic Modules: Average price of €0.060/Wp, a decrease of 7.7% compared to the previous month. These figures underscore the significant pressures in the photovoltaic market, as price reductions strain margins to unprecedented levels.

Why are photovoltaic modules falling in 2024?

Prices for photovoltaic modules in 2024 continue to fall. According to the monthly index published by Germany's pvXchange Trading, the downward trend persists, driven largely—if not entirely—by Asian overproduction. The index focuses on the European market, which pvXchange has been monitoring since 2009 with a unique pricing tool.

How much does a module cost in 2024?

High-Efficiency Modules: Average price of €0.14/Wp, down 6.7% from September 2024 and 39.1% from January 2024. Mainstream Modules: Average price of €0.11/Wp, stable compared to September but 21.4% lower than January 2024. Low-Cost Modules: Average price of €0.065/Wp, a 7.1% decrease from September and 27.8% from January 2024.



How efficient are photovoltaic modules in 2025?

But let's take a closer look at the figures recorded in January 2025:

Photovoltaic modules with monocrystalline or bifacial HJT cells, N-type/TOPCon or xBC (Back Contact) and their combinations, with efficiencies above 22.5%.



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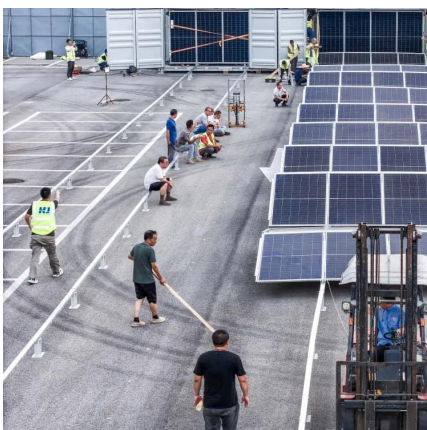


### Solar panel pricing to stay low through much of 2025, says CEA ...

China's efforts to rein in photovoltaic (PV) oversupply are unlikely to meaningfully reduce existing overcapacity and global solar panel prices are expected to stay low through ...

### US residential solar prices stay low, tax credit cuts and

US residential solar stays cheap in the first half of 2025, but tariffs, rates, and policy shifts brought headwinds for contractors.



### World stuck in major solar panel 'supply glut'; module prices ...

S& P Global Commodity Insights forecasts global solar additions of 399 GW in 2024, and 465 GW in 2028. This "significant supply glut" has already created an environment ...

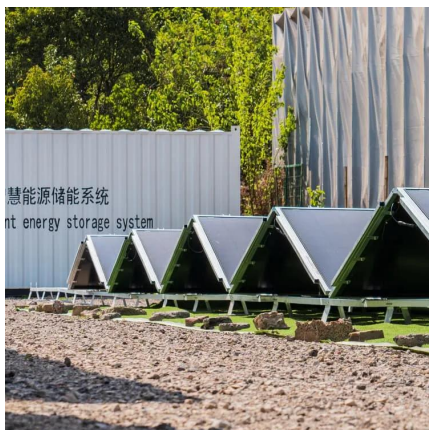
### Solar Panel Prices Are Low Again. Here's Who's ...

Global panel prices are now at all-time lows due to a glut of supply and improvements in the





efficiency of manufacturing. However, there is a ...



## Solar module prices on a clear downward trend - pv magazine USA

Prices have begun to fall after a brief stabilization phase - declining by around 5% to 8% across all technology classes in recent weeks. This drop returns prices to levels seen at ...

## Solar module prices dive to record low

In a new weekly update for **pv magazine**, OPIS, a Dow Jones company, offers bite-sized analysis on solar PV module supply and ...



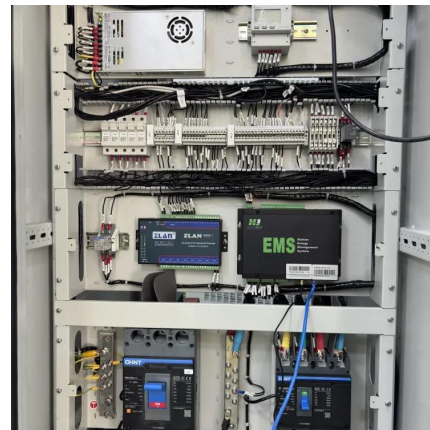
## Why Solar Panels Will Likely Keep Getting Cheaper

Use this solar panel calculator to quickly estimate your solar potential and savings by address. Estimates are based on your roof, electricity bill, and actual offers ...



## Solar Panel in Dubai : Buy online solar panels at low price from

Looking for solar panel in Dubai? Discover the best solar solutions for your energy needs in Dubai. Our high-quality solar panels harness the power of the sun to provide clean and ...



## [Are Solar Panels Getting Cheaper?.. Sunnova](#)

Will solar panel prices continue to go down? Experts predict further price declines due to ongoing advancements and supportive policies, though ...

## New report reveals the cost of solar panels has dropped by 30

Analyzing millions of transaction-level data points from homeowners on EnergySage, it highlighted a clear milestone for solar panels: The average price had dropped ...



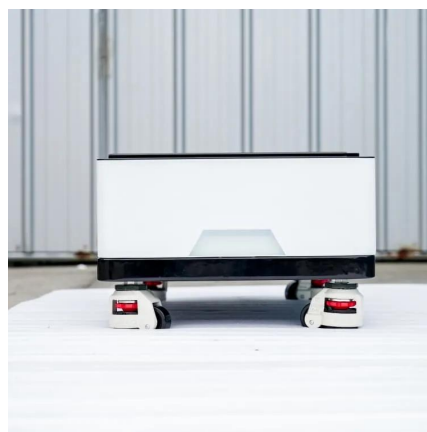
## The Declining Cost of Solar Panels

The declining cost of solar panels: UK prices plummet, making clean energy accessible. Learn why costs dropped and explore solar power's ...



## Solar Panel Prices Are Low Again. Here's Who's Winning and ...

Global panel prices are now at all-time lows due to a glut of supply and improvements in the efficiency of manufacturing. However, there is a large gap between the ...



## [China solar module prices dive to record low](#)

In a new weekly update for pv magazine, OPIS, a Dow Jones company, provides a quick look at the main price trends in the global PV industry. China solar module prices have ...

## Solar Manufacturing Cost Analysis , Solar Market Research

Solar Manufacturing Cost Analysis NREL analyzes manufacturing costs associated with photovoltaic (PV) cell and module technologies and solar-coupled energy storage ...



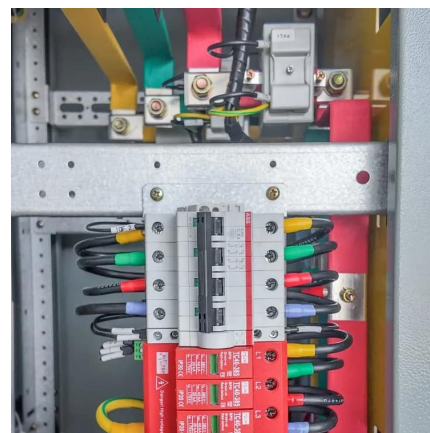


## Photovoltaic Module Prices 2025: Updated Data

Prices for photovoltaic modules in 2024 continue to fall. According to the monthly index published by Germany's pvXchange Trading, the ...

## Solar price trend

Energytrend is a professional platform of green energy, offering latest price of solar PV industry.



## Polysilicon Solar PV Price

1 day ago · All solar PV (Photovoltaic) real-time price update, such as Panle/Module, Inverter, Wafer, Cell, and poly / Silicon, and research reports.

## The True Cost of Chinese Solar Panels

The U.S. can't allow China's global solar monopoly to continue, the true price of their panels is too high.





### 3Q 2024 Global PV Market Outlook

The global PV industry is expected to install 592 gigawatts of modules this year, up 33% from the boom year of 2023. Low prices for ...



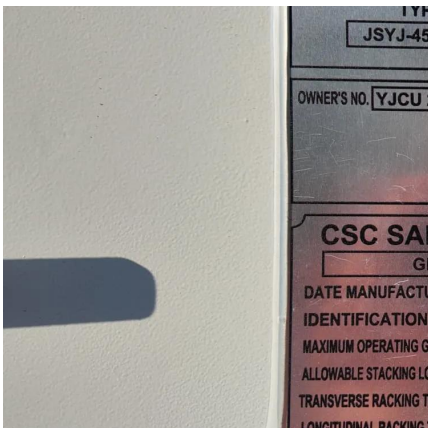
### Solar panel prices have fallen by around 20% every time global ...

One of the most transformative changes in technology over the last few decades has been the massive drop in the cost of clean energy. Solar photovoltaic costs have fallen by ...



### Solar (photovoltaic) panel prices

Solar (photovoltaic) panel prices This data is expressed in US dollars per watt, adjusted for inflation.





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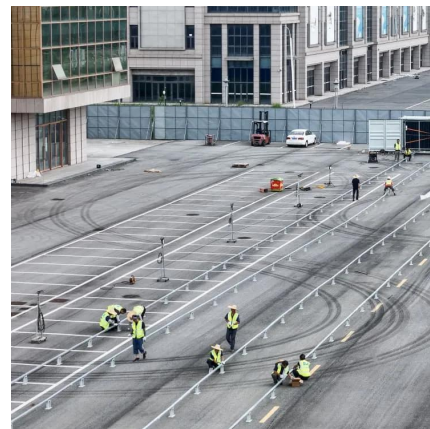


## [Solar module prices hovering at all-time lows](#)

This month, module prices no longer fell across the board. However, recovery to a level at which newly produced products in Europe can be offered competitively seems ...

## Global solar module prices mixed on varying demand ...

FOB China: The Chinese Module Marker (CMM), the OPIS benchmark assessment for TOPCon modules from China dropped 1.15% on ...



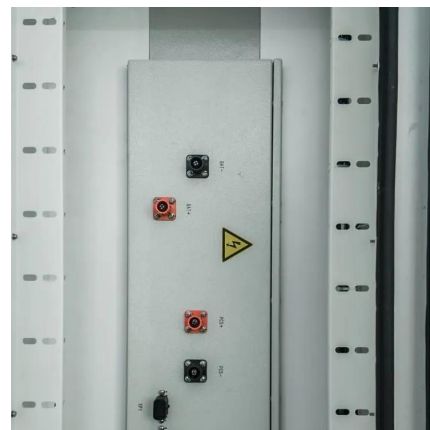
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## Solar module prices on a clear downward trend - pv magazine USA

From pv magazine Germany While the module market showed only marginal, unambitious movement in June, a clearer trend is now taking shape. Prices have begun to fall ...



## Top Trends in Solar Module and PV Cell

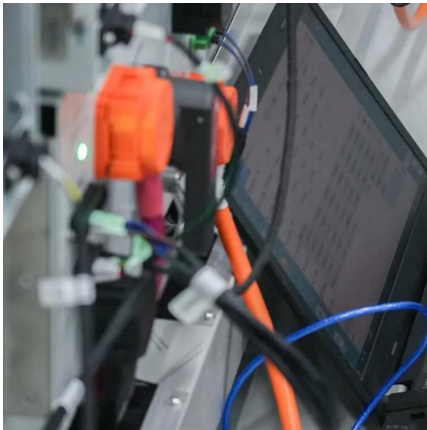
...

Homeowners and businesses alike can benefit from lower solar pv module prices and enhanced solar power system performance. Now is the ...

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