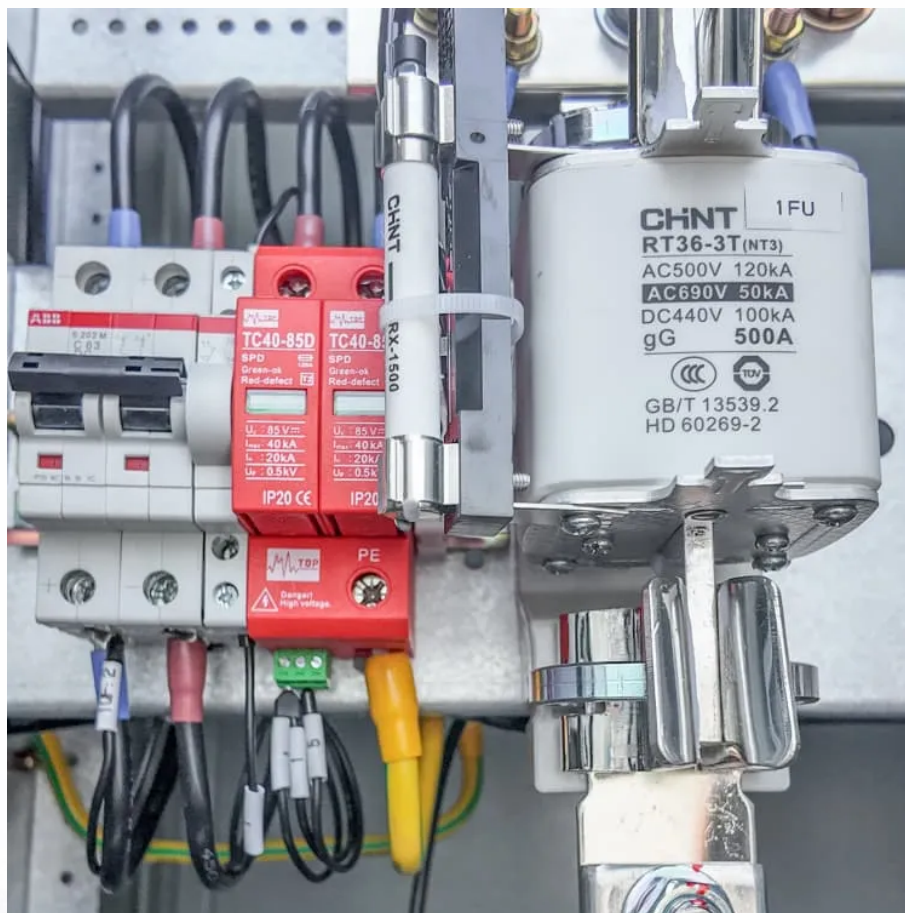




SolarMax Pro Energy Storage Systems

Recent photovoltaic module prices





Overview

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 did a module cost in October 2024?

An analysis by pvXchange reveals significant monthly and yearly price reductions across almost all categories in October 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.

Where did photovoltaic cost data come from?

Photovoltaic cost data between 1975 and 2003 has been taken from Nemet



(2009), between 2004 and 2009 from Farmer & Lafond (2016), and since 2010 from IRENA. Prices from Nemet (2009) and Farmer & Lafond (2016) have been converted to 2024 US\$ using the US GDP deflator, to account for the effects of inflation.

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%.



Recent photovoltaic module prices



[Photovoltaic \(PV\) Module Technologies: 2020 Benchmark ...](#)

Photovoltaic (PV) module prices are a key metric for PV project development and growth of the PV industry. The general trend of global PV module pricing has been a rapid and steep ...

Global solar module prices mixed on differing demand ...

Despite recent increases in upstream costs, module prices remain stable, largely due to high downstream inventories, which have absorbed ...



[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 downward trend persists, driven ...

[Solar Photovoltaic Prices, PV modules, PV glass, PV ...](#)

SMM brings you current solar photovoltaic equipment or material prices and historical price



charts such as polysilicon prices, silicon wafer prices, battery ...



S& P Global Commodity Insights Launches World's First ...

Platts Global Solar Module Marker is a daily average of the six individual solar module panel assessments, which will provide a global perspective of solar panel prices The ...



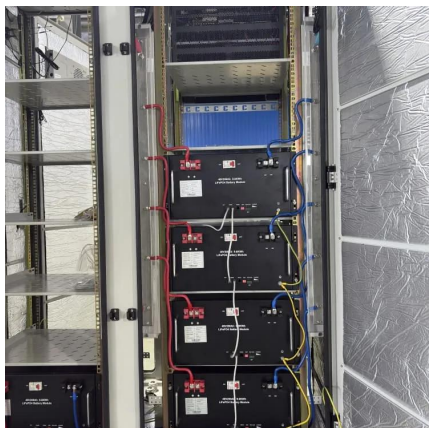
Solar Photovoltaic System Cost Benchmarks

Market analysts routinely monitor and report the average cost of PV systems and components, but more detail is needed to understand the impact of recent and ...



Solar (photovoltaic) panel prices

IRENA presents solar photovoltaic module prices for a number of different technologies. Here we use the average yearly price for technologies 'Thin film a-Si/u-Si or ...





[Global solar module prices mixed on varying demand ...](#)

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 ...



[Fee for a poker game Daily Themed Crossword](#)

We found the following answers for: Fee for a poker game crossword clue. This crossword clue was last seen on May 2 2019 Daily Themed Crossword puzzle. The solution ...

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

A growing number of PV module manufacturers are threatening to shut down their production facilities in Europe due to the ongoing low-price ...



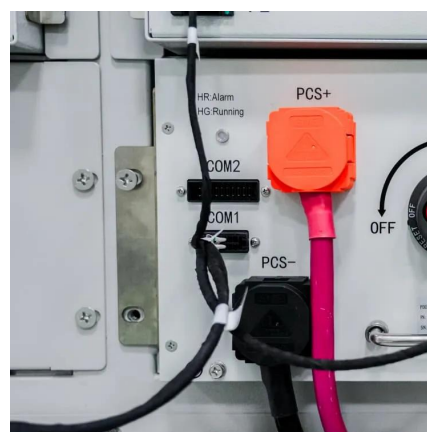
[Solar Photovoltaic System Cost Benchmarks](#)

Market analysts routinely monitor and report the average cost of PV systems and components, but more detail is needed to understand the impact of recent and future technology ...



Prices rising across China's PV supply chain, says EnergyTrend

Taiwan-based research firm EnergyTrend says market optimism in China has driven up solar module prices, while production of modules, cells, and wafers has increased ...



Photovoltaic Price Index

Every month we publish a current price index on the development of wholesale prices of solar modules. In doing so, we differentiate between the main technologies available on the market.

[Solar module prices on a clear downward trend](#)

PV module prices have fallen by around 5% to 8% across all technology classes in recent weeks. says Martin Schachinger, the founder of pvXchange . This means that ...



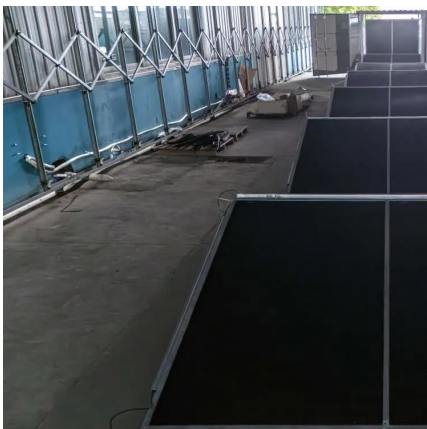


[Latest Solar Price Chart and Dashboard Carbon Credits](#)

Solar Pricing and Price Charts. Solar prices across the world's most active residential, utility, and commercial PV (Photovoltaics) markets.

[Explaining the plummeting cost of solar power](#)

An MIT study teases apart the many factors that have caused the costs of solar photovoltaic modules to drop by 99 percent over the last 40 years.



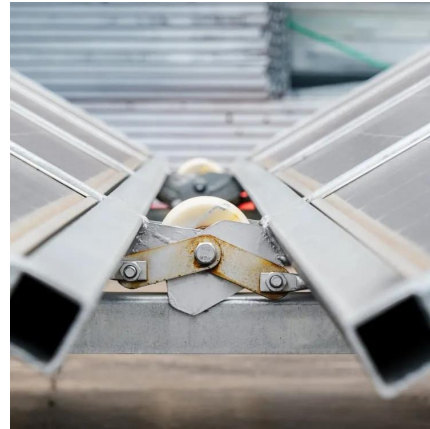
Solar module prices in the US remain stable amid trade ...

Despite trade policy uncertainty, the price of solar modules in the US has remained fairly stable in the past three months, according to solar and storage supply chain platform Anza.

[Solar module prices spiked in early 2025](#)

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Modules with cells sourced from designated tariff-affected countries in Southeast Asia (Cambodia, Malaysia, Thailand, and Vietnam) saw a sharp 7.7% price increase since ...



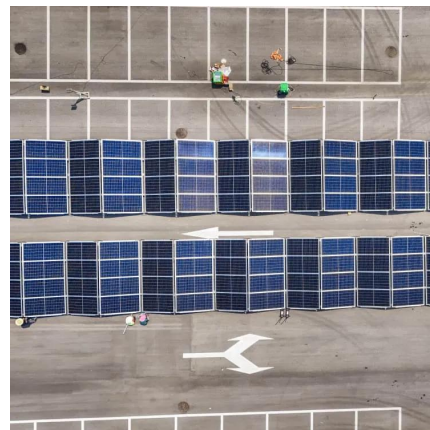
[Solar Panel Prices Are Low Again. Here's Who's ...](#)

Inside Clean Energy Solar Panel Prices Are Low Again. Here's Who's Winning and Losing Whether for utility-scale or rooftop projects, ...



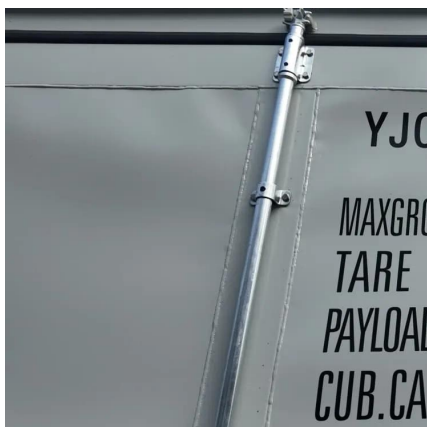
Solar module prices in the US remain stable amid trade uncertainty

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PV Index: Mixed price trends and strong confidence define ...

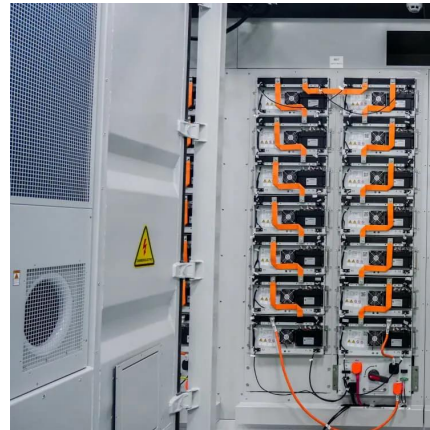
February brought a mixed picture to the European solar market, with module prices showing both declines and increases across categories, while buyer confidence hit a new ...





Cost and prices

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. PV module prices have fallen by ...

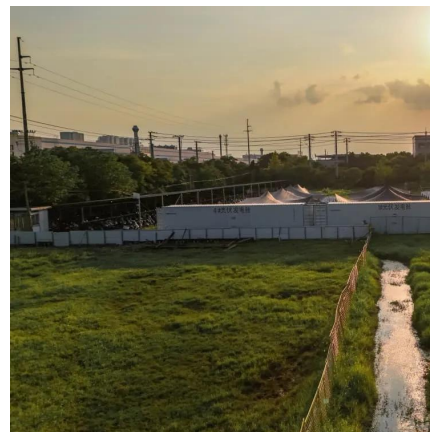


Solar module prices on a clear downward trend

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 ...

Major Chinese solar companies announce price ...

On October 24, 2024, Trina Solar announced a price increase of 0.03 CNY/W for its entire range of solar modules. Following this, LONGi also declared that the ...



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