

PV module price levels





Overview

International PV module prices, driven by Chinese averages, will likely rise from \$0.08/W to \$0.10/W today to \$0.11/W by the end of 2025 and potentially \$0.13/W by 2027, says Clean Energy Associates (CEA), noting that heterojunction and back-contact technologies now make up 12% of global module capacity. What is the PV module price index?

The PV Module Price Index tracks wholesale pricing and supply of crystalline-silicon modules that have fallen out of traditional distribution channels, and as a result are listed for resale on the EnergyBin exchange.

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.

Do PV modules lose resale value?

For historical secondary market PV module pricing from 2020 through 2023, download the 2023 PV Module Price Index from EnergyBin's Resources portal. Overall, the price index shows that new PV modules don't tend to lose resale value in the U.S. secondary market unless their technology is older, such as Legacy POLY modules.

What is PV system cost model (pvscm)?

The total cost over the service life of the system is amortized to give a levelized cost per year. In the PV System Cost Model (PVSCM), the owner's overnight capital expense (cash cost) for an installed PV system is divided into eight categories, which are the same for the utility-scale, commercial, and residential PV market segments:

What is the LCOE calculation for solar PV?



For Solar PV, the LCOE calculation includes: Utility solar PV pricing refers to the cost of large-scale solar photovoltaic (PV) projects that supply electricity to the grid, typically operated by utilities or independent power producers (IPPs).

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.



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2024 PV Module Price Index

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'Solar module prices will soon go back to over \$0.12/W'

The analyst also explains that the PV industry may return to pre-Covid levels, with module prices ranging between \$0.13/W and \$0.14/W, or ...



OPIS Solar Weekly , Solar Panel Materials Pricing

OPIS Solar Weekly provides trusted price assessments and current market news on solar materials production in Asia, the EU and the US, from upstream ...

Cost

1 Introduction The solar photovoltaic (PV) industry has in recent years experienced rapid growth in the volume of output produced, sharp price declines for solar PV modules and a significant shift ...



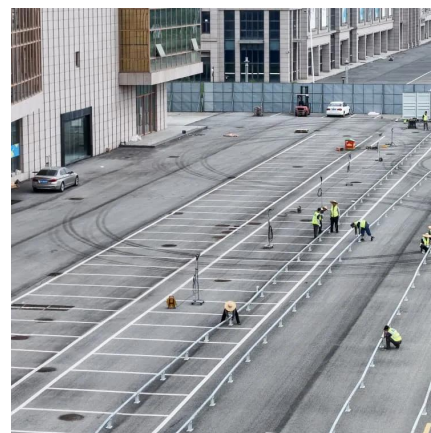
Summer 2024 Solar Industry Update

PV System and Component Pricing In Q3 2024, the average global factory gate module price dropped another 10%, reaching \$0.10/Wdc, with some module prices falling ...



[Solar Photovoltaic System Cost Benchmarks](#)

The U.S. Department of Energy's solar office and its national laboratory partners analyze cost data for U.S. solar photovoltaic systems to develop cost benchmarks to measure progress ...



[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.





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.



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

As of January 2025, solar module prices have remained relatively stable across all categories, including ultra-high-efficiency products and other module classes.

[OPIS Solar Weekly , Solar Panel Materials Pricing](#)

Accurate, trusted price assessments for solar panel components is more vital than ever before. From upstream polysilicon, wafers and cells, to downstream ...



[Global solar module prices fall amid weak 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 ...



2024 PV Module Price Index

The PV Module Price Index tracks wholesale pricing and supply of crystalline-silicon modules that have fallen out of traditional distribution ...



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.

OPIS Solar Weekly , Solar Panel Materials Pricing , OPIS

Accurate, trusted price assessments for solar panel components is more vital than ever before. From upstream polysilicon, wafers and cells, to downstream panel prices, OPIS Solar Weekly ...



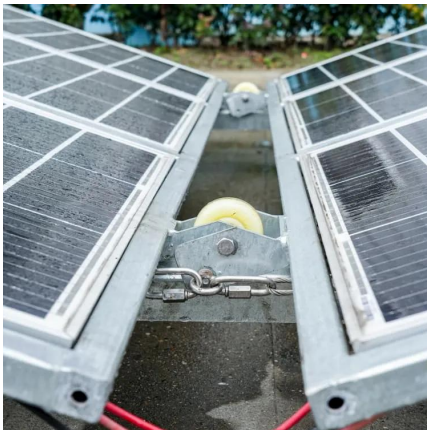
PV spot price

InfoLink Consulting provides weekly updates on PV spot prices, covering module price, cell price, wafer price, and polysilicon price. Learn about photovoltaic panel price trends ...



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 ...

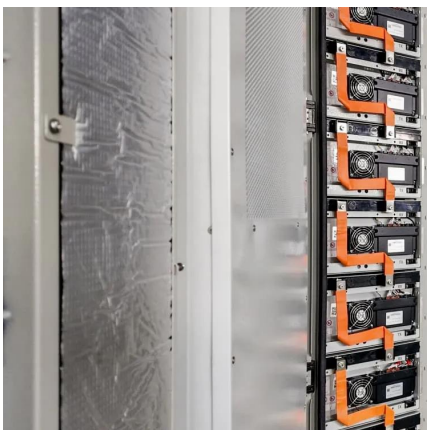
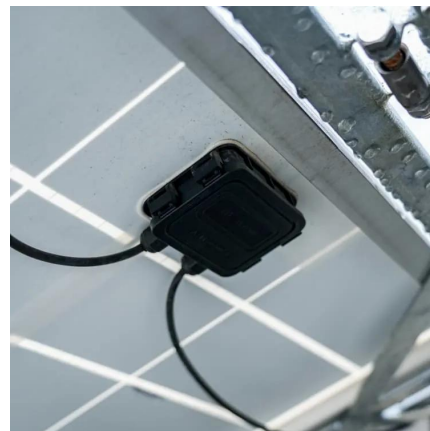


Solar (photovoltaic) panel prices

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 ...

China solar module prices dive - pv magazine International

China solar module prices dive 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.



[Solar Photovoltaic System Cost Benchmarks](#)

The U.S. Department of Energy's solar office and its national laboratory partners analyze cost data for U.S. solar photovoltaic systems to develop cost ...



PV Index: Resilient market and year-end pricing dynamics in ...

The European PV market closed 2024 on a resilient note despite slight seasonal adjustments. The December edition of the PV Index of sun.store highlights continued demand ...



FOB China module prices rise amid growing market expectations ...

In a new weekly update for pv magazine, OPIS, a Dow Jones company, FOB China TOPCon below 450 W modules for spot loading were stable at \$0.093/W, with price ...

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

As of January 2025, solar module prices have remained relatively stable across all categories, including ultra-high-efficiency products and other module classes.



Module Price Index

Prices for high efficiency and all black modules have fallen by up to three cents in the past three weeks, while the mainstream module price is only two cents below the previous month's level.



Cost and prices

The data and analytics software platform's Q2 2025 Solar Module Pricing Insights report indicates a double-digit increase in median module price from February to May 2025 in ...

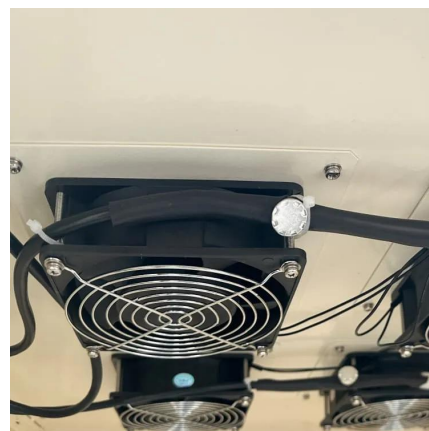


[Solar module prices, auction volumes, and the](#)

Timely scale-up in tendering activity and moderation in solar PV cell and module prices, if sustained, would support improvement in capacity ...

Solar module prices in India 'likely to remain subdued ...

For PV developers in India, what's the landed cost of modules imported from China, Vietnam and Hong Kong after accounting for all duties, ...



[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 ...



Cost and prices

The data and analytics software platform's Q2 2025 Solar Module Pricing Insights report indicates a double-digit increase in median module ...



[PV module prices - pv magazine International](#)

PV module price index: Prices set to rocket back to 2019 levels First, the bad news: PV modules will be caught up in the global wave of inflation. After a very brief respite, prices ...



Spring 2024 Solar Industry Update

PV System and Component Pricing The median system price of large-scale utility-owned PV systems in 2023 was \$1.27/Wac--relatively flat since 2018. The median price for residential ...



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