

Prices of photovoltaic modules by various companies





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.

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%.

How much does a top-five module cost in 2025?

A top-five module maker told OPIS that 2025 loading prices have not meaningfully increased, even with higher upstream costs. Current offers from leading manufacturers of utility-scale projects are in the low-\$0.080/W range.



The FOB China TOPCon module price for the first-half 2025 loading was at \$0.085/W, with values between \$0.082-0.087/W.

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.



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Global average price for solar PV modules 2024, Statista

Average spot price for solar photovoltaic modules worldwide from 2016 to 2024 (in U.S. dollars per watt-peak) You need a Statista Account for unlimited access Immediate ...

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Global solar module prices mixed on varying demand expectations - pv

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.

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Solar Panel Price Philippines

Many Filipinos ask how much one solar panel costs in the Philippines when considering the installation of photovoltaic panels. Solar panel prices vary widely depending on ...

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[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.

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[How Much Do Solar Panels Cost? \(Aug 2025\)](#)

How much does it cost to get solar panels in different states? The price of solar panels changes depending on where you live, but the average for installation is just under ...

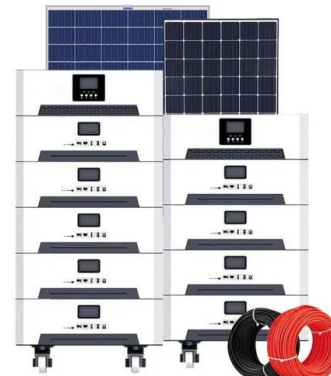
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Breakdown of Solar Pv System Costs by Market Segment

Residential and commercial solar systems are analyzed based on electricity savings at retail prices, while utility-scale projects are analyzed based on electricity generation at wholesale ...

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Solar Photovoltaic Prices, PV modules, PV glass, PV cells, PV ...

[SMM Silicon-Based PV Morning Meeting Summary] Polysilicon: Yesterday, the price of N-type recharging polysilicon was 49-54 yuan/kg, while granular polysilicon was quoted at 48-49 ...

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[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 ...

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[Market Data , German Solar Association](#)

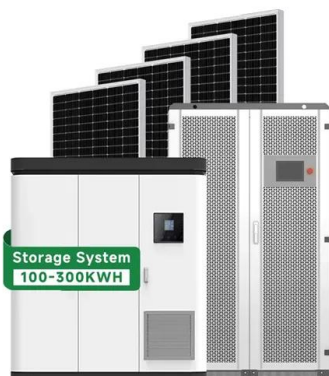
Development of module net purchasing prices (by technology), Price Index for PV-Modules und PV-installations (including historical development), ...

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[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 ...

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Top 10 Photovoltaic module supplier Companies and Products ...

Frequently Asked Questions (FAQs) What are photovoltaic modules? Photovoltaic modules, commonly known as solar panels, are devices that convert sunlight into electricity. They are ...

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[Breakdown of Solar Pv System Costs by Market ...](#)

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[Solar Photovoltaic System Cost Benchmarks](#)

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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.

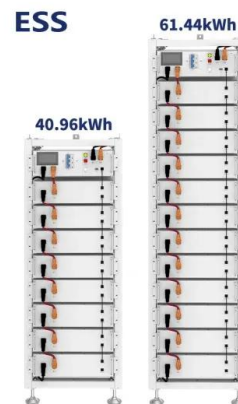
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Photovoltaic (PV) Module Technologies: 2020 Benchmark ...

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 ...

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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.

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Who are the top 10 photovoltaic module producers in ...

The top 10 photovoltaic module producers in 2023 Chinese companies not only swept the podium but also took six additional spots in last ...

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[Solar Panels: Compare Costs, Reviews & Installers](#)

See how much it costs to install solar panels for your home Based on your: Location Electric bill Prices of the best-rated solar companies near you ...

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Chinese solar module prices hold steady in a quiet ...

Chinese solar module prices hold steady in a quiet market In a new weekly update for pv magazine, OPIS, a Dow Jones company, provides a ...

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Home Energy Storage (Stackble system)



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