

Recent prices of photovoltaic modules

How much does a photovoltaic module cost?

Mainstream Modules: Average price of EUR0.11/Wp, stable compared to September but 21.4% lower than January 2024. Low-Cost Modules: Average price of EUR0.065/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 EUR0.10/Wp, down 9.1% month-on-month. Low-Cost Photovoltaic Modules: Average price of EUR0.060/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.

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%.

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 much does a module cost in 2024?

High-Efficiency Modules: Average price of EUR0.14/Wp, down 6.7% from September 2024 and 39.1% from January 2024. Mainstream Modules: Average price of EUR0.11/Wp, stable compared to September but 21.4% lower than January 2024. Low-Cost Modules: Average price of EUR0.065/Wp, a 7.1% decrease from September and 27.8% from January 2024.

How efficient is a residential PV system in 2024?

The representative residential PV system (RPV) for 2024 has a rating of 8 kW dc (the sum of the system's module ratings). Each module has an area (with frame) of 1.9 m² and a rated power of 400 watts, corresponding to an efficiency of 21.1%.

Despite higher module prices, prices in the commercial and utility-scale segments decreased or remained flat year-over-year. Commercial PV system prices fell 2% annually to ...

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 ...



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The installed price of residential solar panel systems dropped by 26% over the last decade - from 5.7 \$/W in 2013 to 4.2 \$/W in 2022. Solar PV ...

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 ...

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

Access Anza's free quarterly PV panel price insights report for pricing data from more than 95% of the U.S. module supply.

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Discover cutting-edge solar PV module innovations of 2025 including perovskite, TOPCon, HJT, bifacial, and IoT-integrated panels.

The recent plunge in global module prices leveled off, staying around \$0.11/Wdc in Q1 2024. In Q4 2023, the average U.S. module price (\$0.31/Wdc) was down 5% q/q and down 22% y/y, ...

IRENA presents solar photovoltaic module prices for a number of different technologies. Here we use the average yearly price for technologies ...

Solar cell prices is expected to remain firm amid policy direction. Supported by rising cost change and producers' willingness, cell prices are expected to remain above the average cash cost ...

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

Through detailed survey cross-survey of data from major suppliers and procurement parties, Green Energy Research is able to provide an accurate weekly report on ...

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 ...

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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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Europe's solar buyers are showing increased optimism for the sector, in spite of fluctuations in module prices across technologies.

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As in recent months, prices for solar modules on the market are continuing to fall. Standard modules are now being traded for an average of 13 cents per watt. This is one cent ...

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

Solar cell prices is expected to remain firm amid policy direction. Supported by rising cost change and producers' willingness, cell prices are expected to ...

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 ...

The global solar photovoltaic (PV) module market has been growing at pace and is projected to rise to \$133.12bn in market value by 2028, ...

Current Status: Favorable for solar, unfavorable for wind Favorability Outlook: Potentially negative Definition: Generation equipment encompasses solar photovoltaic (PV) ...

Major market reform policies in China have prompted an uptick in module production and prices as developers rush to complete projects. Image: ...

PV module prices dropped in Europe in December 2024, while the European PV sector remains optimistic about the industry's long-term growth.

6 days ago#0183; Explore India's top solar energy companies offering panels, EPC services, and clean energy solutions for homes, businesses, and large-scale projects.

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 ...

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

Recent volatility in PV module pricing has prompted Platts, part of global market data and benchmarking

provider S& P Global Commodities, to ...

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