

SolarInvert Energy Solutions

New price of photovoltaic modules



Overview

According to pvXchange, the price of panels across all power classes increased by an average of €0.5 (\$0.54)/W in March 2025. 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.

How much does a PV module cost in China?

According to price analysis firm InfoLink: “Since March, the spot price of n-type modules in China has soared from RMB0.7/W to RMB0.73/W. Quotes from leading manufacturers are approaching the RMB0.75/W mark.” The results of the China Datang Group’s 2025-2026 PV module framework. Image: Datang.

How much will PV modules cost in 2025?

On 11 March 2025, the results of the China Datang Group’s 2025-2026 PV module framework purchase tender were announced, with the spot price of n-type modules increasing from RMB0.7/W (US\$0.097/W) to RMB0.73/W (US\$0.1/W), and some modules priced as high as RMB0.75/W (US\$0.11/W).

How are photovoltaic module price adjustments affecting industry players?

The current round of photovoltaic module price adjustments has imposed

significant operational pressure on industry players. Leading companies, with their high R&D costs, are at a disadvantage in the price competition. Meanwhile, small and medium-sized enterprises find it challenging to endure prolonged price wars.

How much does a full black solar module cost?

Full black high-efficiency solar modules of up to 22.5% efficiency saw their price increase by 3.7% MoM and 7.7% since January 2025 to €0.14 (\$0.15)/W. According to pvXchange, prices for mainstream PV modules with up to 22.5% efficiency improved to €0.115 (\$0.12)/W, representing an increase of 4.5% over February and 9.5% over January 2025.

New price of photovoltaic modules



Solar module prices may reach \$0.10/W by end ...

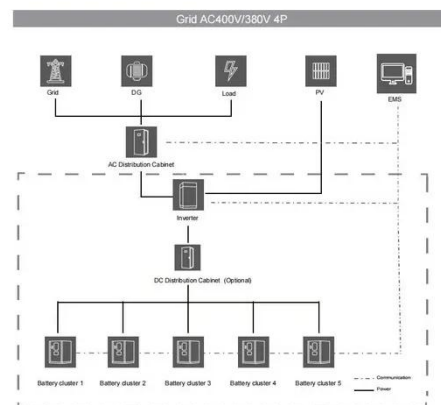
Nov 23, 2023 · Solar module prices may approach the threshold of \$0.10/W by the end of 2024 or eventually in 2025, according to Tim Buckley, director of ...

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Feb 26, 2025 · Hryshko expects prices of high-quality Tier 1 solar modules to soon exceed \$0.12/W. "This means module prices will at least match ...

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PVWatts Calculator

Mar 13, 2025 · Estimates the energy production and cost of energy of grid-connected photovoltaic (PV) energy systems throughout the world. It allows homeowners, small building owners, ...

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Global average price for solar PV modules 2024, Statista

Jul 14, 2025 · 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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Nov 15, 2024 · "Solar photovoltaic module price" [dataset]. IRENA, "Renewable Power Generation Costs"; Nemet, "Interim monitoring of cost dynamics for ...

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PV spot price

6 days ago · 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 ...

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Nov 15, 2024 · IRENA presents solar photovoltaic module prices for a number of different technologies. Here we use the average yearly price for technologies ...

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Dec 11, 2024 · PV modules are the central component of the solar industry. This analysis reviews market conditions that affect solar panel pricing and availability.

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Jan 7, 2025 · The European PV market closed 2024 on a resilient note despite slight seasonal adjustments. The December edition of the PV Index of ...

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Photovoltaic Price Index

Overview by technology of different price points in August 2025, including the changes over the previous month: Only tax-free prices for photovoltaic modules are shown. The prices stated ...

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Evolution of solar PV module cost by data ...

Aug 19, 2025 · Evolution of solar PV module cost by data source, 1970-2020 -



Chart and data by the International Energy Agency.

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The impact of China's 2024 PV manufacturing ...

Dec 13, 2024 · In November 2024, China's Ministry of Industry and Information Technology released revised guidelines for the photovoltaic (PV) industry. The ...

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Evaluating the causes of cost reduction in photovoltaic modules

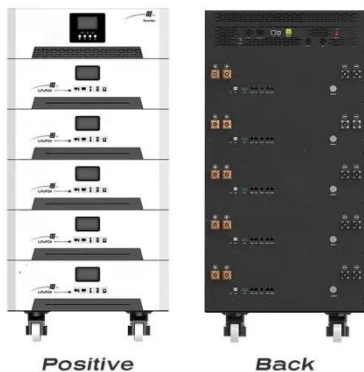
Dec 1, 2018 · Photovoltaic (PV) module costs have declined rapidly over forty years but the reasons remain elusive. Here we advance a conceptual framework and quantitative method ...

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Chinese Solar Giants Raise Panel Prices as Demand Picks Up

Feb 26, 2025 · Yicai contacted leading Chinese PV firms after recent online rumors had claimed module prices were raised by few Chinese cents per watt. Due to the electricity reform ...

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PV module trading prices heading down - ...

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China's PV Industry Restructuring Begins: Europe Sees a ...

According to TrendForce, the average export price for TOPCon modules in China rose to approximately EUR0.091/W in Q2 2025, with some Tier 1 manufacturers reaching between EUR0.095 ...

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China to implement on-grid tariffs, exposing its PV industry ...



Mar 18, 2025 · This policy promotes the full market-based determination of on-grid electricity prices for new energy sources, including ground-mounted and distributed PV projects, as well ...

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2024 PV Module Price Index

Jan 2, 2025 · The PV Module Price Index tracks wholesale pricing and supply of crystalline-silicon modules that have fallen out of traditional distribution ...

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EUR0.5/W Increase In Module Prices Across All Power Classes In ...

Mar 31, 2025 · According to pvXchange, the price of panels across all power classes increased by an average of EUR0.5 (\$0.54)/W in March 2025. For mono- or bifacial heterojunction (HJT), n ...

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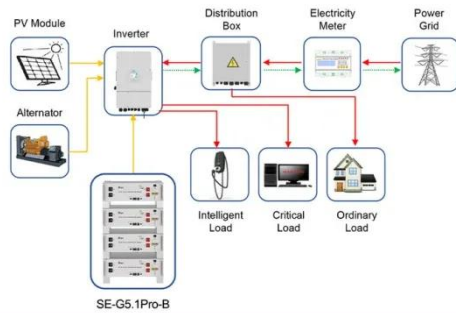
Quarterly Solar Industry Update , Department of ...

Oct 30, 2024 · Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical ...

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PV Price Watch: China's module prices reach ...



Application scenarios of energy storage battery products

On 11 March 2025, the results of the China Datang Group's 2025-2026 PV module framework purchase tender were announced, with the spot price of n ...

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Analysis Of Photovoltaic Module Price Trends And Industry ...

Dec 31, 2024 · At that point, the photovoltaic manufacturing sector will usher in a new development landscape, where companies with technological advantages and strong cost ...

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Solar Photovoltaic System Cost Benchmarks

Aug 19, 2025 · The U.S. Department of Energy's solar office and its national laboratory partners analyze cost data for U.S. solar photovoltaic systems to ...

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International PV module pricing may rise to ...

Apr 9, 2025 · 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 ...

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