

Overseas 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.

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.

How much do Topcon modules cost?

One developer source says they are seeing \$0.29/W to \$0.32/W quoted for TOPCon modules from “preferred” manufacturers in countries subject to the ongoing AD/CVD case, while American producers assembling modules with Indonesian cells are offering prices in the low 0.20s/W.



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[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 ...

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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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[US solar prices double European costs amid ...](#)

The requirements of measures such as the Uyghur Forced Labor Prevention Act (UFLPA) mean that solar panel prices in the United States can ...

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[Global PV Module Market Analysis and 2025 Outlook](#)

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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[Solar Panel Cost Guide for 2025 by State](#)

Understanding Solar Panel Costs for Homeowners
Getting a handle on solar panel costs in 2025 is crucial for homeowners looking to invest in a sustainable energy solution. By considering ...

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Solar Panels, Solar Energy and Panel Manufacturers

Ranked as one of the world's most bankable solar manufacturers by Bloomberg New Energy Finance, Trina Solar is the manufacturer you want for your solar ...

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[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 ...

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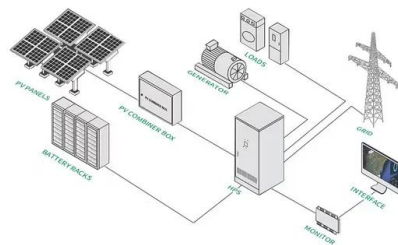




Solar Photovoltaic Prices, PV modules, PV glass, PV ...

SMM brings you current solar photovoltaic equipment or material prices and historical price charts such as polysilicon prices, silicon wafer prices, battery ...

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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 ...

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China , Photovoltaic: Price , CEIC

CN: Price: Photovoltaic Module: 158 Single Crystal data remains active status in CEIC and is reported by Shandong Longzhong Information Technology Co., Ltd.. The data is ...

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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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Latest Solar Price Chart and Dashboardo 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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[Solar exports from China increase by a third](#)

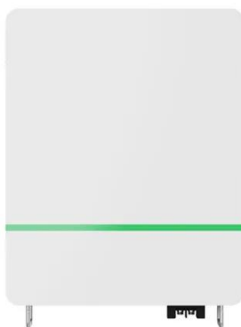
Analysis A 34% increase in China's solar panel exports meets growing global demand Exports of solar panels from China grew by 34% in the first half of 2023, with the ...

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Solar Panel Supplier Dubai , Price List (August 2025)

Top solar panel distributor in UAE & Dubai. Explore solar panel prices, trusted solar companies, and leading solar panel suppliers across UAE. best solar panel price in dubai

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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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China's Photovoltaic Module Market Price Differentiation Intensifies

In March 2025, China's photovoltaic module market showed a significant differentiation trend. According to the OPIS benchmark assessment, the FOB price of TOPCon modules rose by ...

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Massive 3,500% tariffs reshape US solar energy market amid ...

The petitioner group, the American Alliance for Solar Manufacturing Trade Committee, accused big Chinese solar panel makers with factories in Malaysia, Cambodia, ...

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China Customs PV Export Data Released in April

From the point of view of overseas market distribution, the Asian market has become the first overseas PV market in the statistical sense. From January to April this year, ...

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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 ...

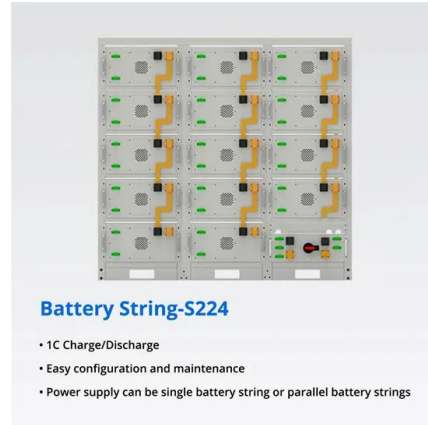
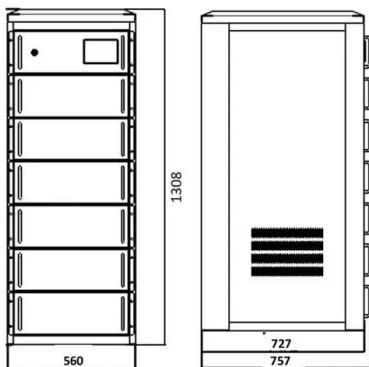
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Solar module prices unaffected by tariff chaos

Solar module prices in Europe rose slightly in April, but this only reflects a trend already expected and announced at the beginning of the year. ...

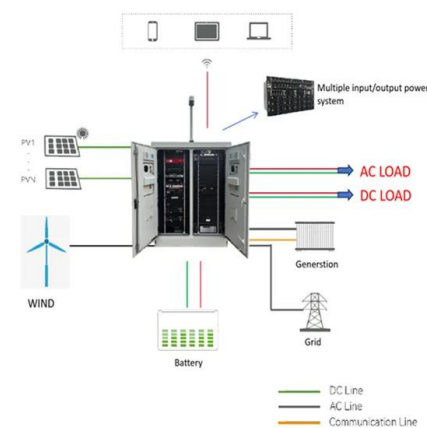
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China Solar Panel Costs Plunge in 2023, 60

Solar panel manufacturers in China are enjoying a steep drop in costs this year, with Beijing ploughing billions of dollars into the industry to ...

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China To Lower Solar Export Tax Rebates From 13% To 9%

The Chinese Ministry of Finance and the State Administration of Taxation have revealed that the country will reduce the export tax rebate for 209 products, including solar PV ...

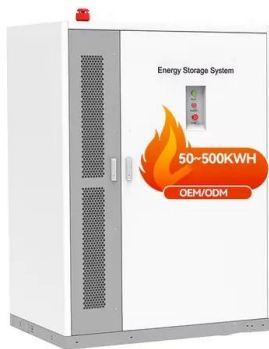
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Rooftop solar power

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How Do Solar Panel Prices Compare Globally in 2023? A ...

Explore regional insights, from China's low costs to Europe's higher prices, and learn about trends shaping solar energy accessibility worldwide. Find out how subsidies, materials, and ...

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