

SolarInvert Energy Solutions

Price changes of photovoltaic modules



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. 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 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 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.

Will solar module prices increase in the next six months?

Solar module prices are expected to increase significantly from current levels in the next six months, according to Yana Hryshko, head of Solar Supply Chain Research for Wood Mackenzie. "Prices have to increase, as the Chinese solar manufacturing industry is going to do everything to make this happen," she told pv magazine.

Will solar module prices change in 2025?

As of January 2025, solar module prices have remained relatively stable across all categories, including ultra-high-efficiency products and other module classes. While there have been minor price increases in the two lower categories—partially due to the updated classification—the overall market has yet to see significant price changes.

What factors affect the cost of photovoltaic modules?

1. Cost Factors Driving Price Fluctuations The cost of photovoltaic modules is primarily composed of solar cells, glass, encapsulation film, and labor expenses.

Price changes of photovoltaic modules



Photovoltaic Module Prices 2025: Updated Data

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PV Price Watch: Prices of China's PV products stabilise, rebound

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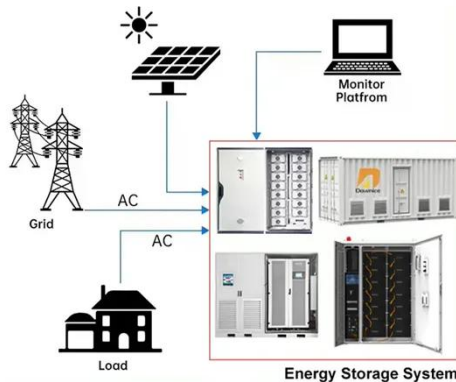
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US solar module prices: 'AD/CVD is freezing the ...

Jun 11, 2024 · The price of solar PV

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modules has hit bottom in the US, in response to the latest AD/CVD petition and the new solar tariffs.

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Quantifying the cost savings of global solar photovoltaic

Oct 26, 2022 · Modelling shows that a globalized solar photovoltaic module supply chain has resulted in photovoltaic installation cost savings of billions of dollars.

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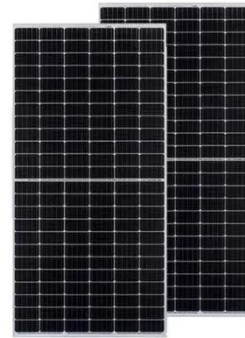


Solar panel prices have fallen by around 20

Jun 12, 2024 · One of the most transformative changes in technology

over the last few decades has been the massive drop in the cost of clean energy. Solar ...

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Solar Panel Prices Over Time , Cladco

Aug 7, 2025 · 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 ...

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

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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PV module prices at crossroads - pv magazine USA

Jan 22, 2025 · Advances in technology have shifted the boundary between high-



efficiency and mainstream modules to 22.5%. Now, the bad news: As ...

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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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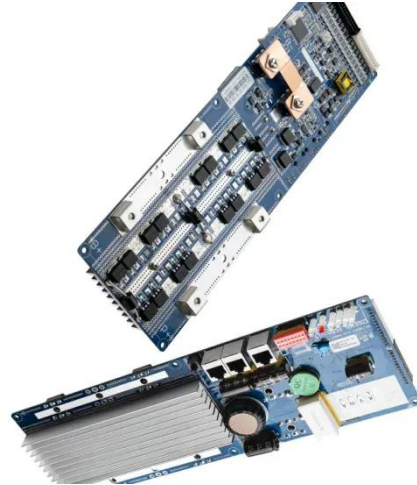
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Photovoltaic Price Index

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prices of solar modules. In doing so, we differentiate between the main technologies available on the market. ...

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Annual Solar Photovoltaic Module Shipments Report

Overview This report includes summary data for the photovoltaic industry from annual and monthly respondents. Data include manufacturing, imports, and exports of modules in the ...



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Nov 22, 2024 · Global solar module prices stable-to-soft as markets absorb news of U.S. election, policy changes In a new weekly update for pv magazine, ...

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Analysis Of Photovoltaic Module Price Trends And Industry ...

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European solar module price rise heralds 'new ...

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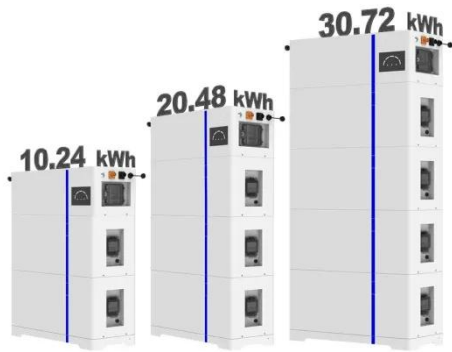
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European solar buyers optimistic despite module ...

Mar 4, 2025 · Europe's solar buyers are

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showing increased optimism for the sector, in spite of fluctuations in module prices across technologies.

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Solar (photovoltaic) panel prices

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Solar module prices on a clear downward trend

Jul 17, 2025 · 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 ...

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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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Solar module prices continue to fall

Aug 23, 2023 · Although raw material costs in China are slowly stabilizing

again, PV module prices continue to decline, as inventory levels remain very high.

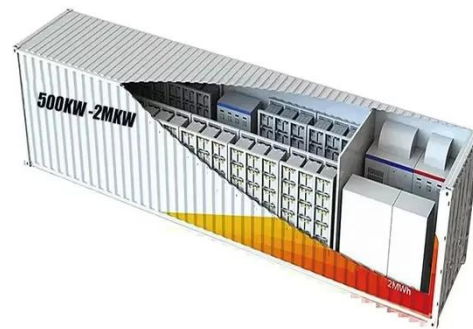
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Evolution of solar PV module cost by data ...

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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