

NKOSITHANDILEB SOLAR

Long-term price trend of solar modules



Overview

Why do solar modules cost so much?

However, as the primary cost component of photovoltaic modules, the price of solar cells plays a decisive role in module pricing. Due to the oversupply of polysilicon in earlier periods, prices have been under sustained pressure since 2023, even falling below cost levels in the first half of 2024.

How much does a solar module cost in 2025?

Specifically, in August 2025, the Price Index showed: about €0.055/Wp for low-cost photovoltaic modules, unchanged from July prices. “Manufacturers are moving quickly to end the devastating price war. The Chinese government is gradually phasing out tax incentives and subsidized solar module exports.

Will price fluctuations affect the photovoltaic module market?

As the global energy transition accelerates, the photovoltaic (PV) industry, as a key component of renewable energy, continues to attract significant attention for its promising development prospects. However, price fluctuations in the photovoltaic module market remain a critical factor influencing the industry’s growth.

How much will PV modules cost in 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 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.

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Solar module prices on a clear downward trend PV module prices have fallen by around 5% to 8% across all technology classes in recent weeks. says Martin Schachinger, the ...

In the long term, the PV industry may return to more stable pricing levels, similar to those seen before the Covid-19 pandemic. High ...

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