

Price deviation of solar modules





Overview

As of May 15, 2025, solar module prices have remained mostly flat with no strong recovery after the H2 2024 price drop, which pvXchange says hints at the continued overcapacity challenges in the industry. 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?

The average price for these brands (€0.106/Wp) marks a jump from March's more affordable leaders, TW Solar and Astronergy (€0.087/Wp). P-type: Prices inched up to €0.078/Wp, a 1% rise, reflecting stable but cautious demand for increasingly obsolete modules. Bifacial modules:.

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.

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.



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