

Article Overview

As of 2025, the prices of photovoltaic modules are experiencing a downward trend, with average prices around EUR0.095/Wp for mainstream solar panels and EUR0.060/Wp for low-cost options.

Current Pricing Trends

- o Mainstream Solar Panels: The average price for mainstream solar panels, which typically include monocrystalline and bifacial technologies, is approximately EUR0.095 per watt (Wp). This reflects a 5% decline from previous months, driven by oversupply in the market .
- o Low-Cost Solar Panels: Prices for low-cost solar panels have remained stable at around EUR0.060/Wp. These panels often include leftover stocks or lower-performance modules .
- o Polysilicon Prices: The cost of polysilicon, a key component in photovoltaic modules, has been under pressure due to oversupply, with prices quoted at RMB 50-55/kg. This has contributed to the overall cost dynamics in the photovoltaic market .

Factors Influencing Costs

- o Material Costs: The primary cost components of photovoltaic modules include solar cells, glass, encapsulation film, and labor. The price of solar cells significantly impacts module pricing, especially in a competitive market .
- o Market Dynamics: The photovoltaic market is currently characterized by overcapacity, leading to prices approaching cost levels. Some companies are even selling below cost to clear inventory, which exerts downward pressure on prices .
- o Future Expectations: Analysts predict that while prices may rise in the first quarter of 2025 due to supply constraints, the overall market is expected to stabilize as excess inventory is cleared .

Conclusion

The photovoltaic module market is currently experiencing a mix of price stability and slight declines, influenced by material costs and market dynamics. As the industry adjusts to supply and demand pressures, prices may see fluctuations, but the long-term outlook suggests potential stabilization by late 2025 or early 2026. For those considering investments in solar technology, understanding these trends is crucial for making informed decisions.

One of the most transformative changes in technology over the last few decades has been the massive drop in the



Price of photovoltaic modules

All solar PV (Photovoltaic) real-time price update, such as Panel/Module, Inverter, Wafer, Cell, and poly / Silicon, and

Solar photovoltaic module prices refer to the cost of the solar panel itself, and do not include installation or other

How much do solar photovoltaic modules cost in January 2025? As of January 2025, solar module prices have

Günstige PV-Module aus Fernost bieten heute einen den deutschen Standards entsprechenden Leistungsumfang, entsprechen

This dashboard provides an overview on the latest Solar PV costs.

Why Photovoltaic Module Prices Matter in 2024 Solar energy adoption has surged by 34% globally since 2022, driven by climate

PV Expert Dipl.-Ing. Martin Schachinger Managing Partner | Business Development Founder and Managing Director

Identifying price trends and giving long-term price forecasts have been an integral part of Green Energy Research's

PV-Preisindex: Preis Photovoltaik-Module, PV-Großhandelspreis EUR/Wp, aktuelle monatliche Entwicklung, Trends für diverse

Im August 2025 bewegen sich die Preise für einzelne Solarmodule in Deutschland zwischen 68 und 118 Euro - je

Solarmodule - PV-Module für private und gewerbliche Photovoltaikanlagen Wer Solarmodule kaufen möchte, sucht in der Regel

Die Module machen nur etwa 10 Prozent der Kosten für eine Photovoltaikanlage aus. Fachkräftemangel und steigende

Comprehensive guide to solar module prices in 2025. Current costs, market trends, buying strategies, and price

Modulpreise 2026: Entwicklung & Kennzahlen im Überblick Was kosten aktuelle Photovoltaik-Module? Modulpreise

Average price of solar modules versus cumulative installed capacity. Prices are expressed in US dollars per



Price of photovoltaic modules

watt, adjusted for

Web: <https://www.kremgroup.co.za>

