

High-efficiency photovoltaic modules and prices

How much does a photovoltaic module cost?

Mainstream Modules: Average price of EUR0.11/Wp, stable compared to September but 21.4% lower than January 2024. Low-Cost Modules: Average price of EUR0.065/Wp, a 7.1% decrease from September and 27.8% from January 2024. These trends are exerting mounting pressure on the photovoltaic sector.

How 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 photovoltaic panel cost?

Mainstream Photovoltaic Panels: Average price of EUR0.10/Wp, down 9.1% month-on-month. Low-Cost Photovoltaic Modules: Average price of EUR0.060/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.

Why are photovoltaic modules falling in 2024?

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 largely--if not entirely--by Asian overproduction. The index focuses on the European market, which pvXchange has been monitoring since 2009 with a unique pricing tool.

Our CNET experts have found the market's top performers with the highest efficiency ratings. The most efficient residential solar panel right now is the Maxeon 7, which dethroned the older...

Explore NAZ Solar Electric for premium, cost-effective solar panels from top brands. Our extensive selection of high-efficiency photovoltaic (PV) modules ensures the perfect fit for your ...

Since high efficiency solar panels are slightly more expensive than standard panels, the price structure is also slightly different. On average, you pay 13% of the total price for installation ...

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