

## **SolarInnovate Energy Solutions**

# The price of photovoltaic panels





#### **Overview**

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.

How much does a solar panel cost?

Average EXW prices from distributors for residential solar panels are reported between €0.125/W and €0.100/W, depending on the volumes. US DDP: The spot price for TOPCon utility-scale modules DDP US rose this week from 0.71% to \$0.284/W.

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 much did solar panels cost in October 2024?

Here's a detailed breakdown: High-Efficiency Solar Panels: The average price was €0.125/Wp, marking a 3.8% decrease compared to October 2024. Mainstream Solar Panels: Prices averaged €0.095/Wp, experiencing a 5% decline from October 2024. Low-Cost Solar Panels: Prices remained stable at €0.060/Wp, unchanged from the previous month.

How much does a solar module cost?

The price of solar modules has trended, broadly speaking, from \$240 per kW in 2020, to \$280 in 2021 and 2022 during the polysilicon shortage, then \$210



in 2023 as the shortage eased, and has fallen to around \$110 per kW this year. And for a brief moment, prices did fall to what we believe was, more or less.

How much do solar panels cost in Europe?

While Germany promotes rooftops and balcony applications, Italy focuses on smaller projects and Eastern Europe drives on bigger size solar installations. Average EXW prices from distributors for residential solar panels are reported between 0.125W and 0.100W, depending on the volumes.



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