

# Latest BESS prices for photovoltaic modules

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 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.

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%.

Where did photovoltaic cost data come from?

Photovoltaic cost data between 1975 and 2003 has been taken from Nemet (2009), between 2004 and 2009 from Farmer & Lafond (2016), and since 2010 from IRENA. Prices from Nemet (2009) and Farmer & Lafond (2016) have been converted to 2024 US\$ using the US GDP deflator, to account for the effects of inflation.

How does Seto calculate PV system cost?

Unlike most PV cost studies that report values solely in dollars per watt, SETO's PV system cost benchmark reports values using intrinsic units for each component. For example, the cost of a mounting structure is given in dollars per square meter of modules supported by that structure.

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.

We are pleased to announce the release of the latest edition of Berkeley Lab's Tracking the Sun annual report, describing trends for distributed solar photovoltaic (PV) ...

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Our free report explores domestic content trends in solar modules and battery energy storage systems (BESS), and provides trend information on supplier availability, pricing, and delivery ...

The country has been plagued by electricity price hyperinflation, reduced energy security resulting from increased reliance on imported coal and LNG, and grid instability caused by inconsistent ...

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