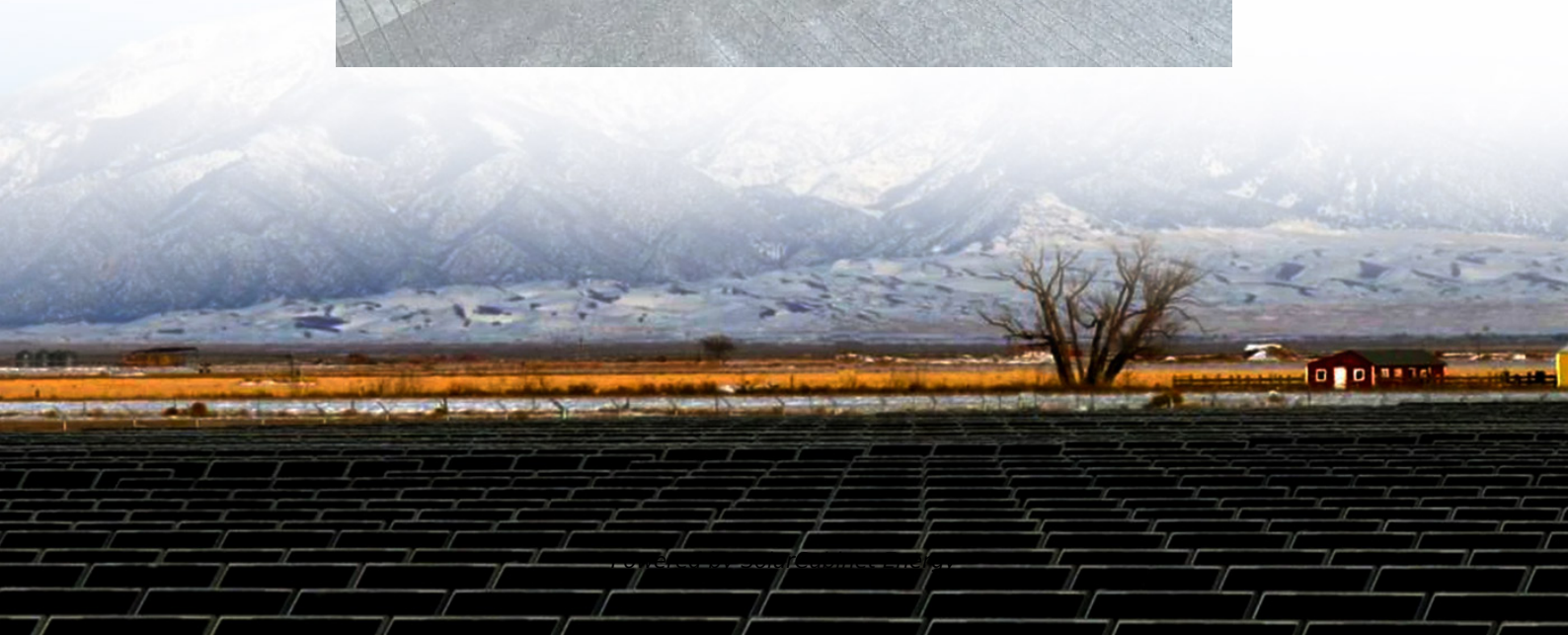


Prices of photovoltaic modules in Europe and the United States





Overview

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 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 did PV module price development in February?

PV module price development according to PV Index of Sunstore. Average trading PV module prices were at 0.124 EUR/W across Europe in February both for bifacial and monofacial modules. PV PMI (Purchasing Managers' Index) score increased from 68 in January to 73 in February, underlining strong demand.

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.

What is PV moduletech Europe 2025?

PV ModuleTech Europe 2025 is a two-day conference that tackles these



challenges directly, with an agenda that addresses all aspects of module supplier selection; product availability, technology offerings, traceability of supply-chain, factory auditing, module testing and reliability, and company bankability.

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%.



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[US solar energy prices double European costs amid regulatory ...](#)

There is no such restriction in Europe yet, so the continental market is full of low-cost modules. The pricing environment is constantly changing. In Europe, prices have dropped ...

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