



WALMER ENERGY

# Annual price of solar modules





## Overview

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Solar module prices in 2025 have stabilized after years of dramatic fluctuations, with global wholesale prices ranging from \$0.08 to \$0.28 per watt depending on technology, origin, and regional market conditions. How much does a resale solar module cost?

For example, N-Type modules by REC listed for resale in May and July pushed up weighted average prices to \$0.411 and \$0.460 respectively. P-Type modules in September increased to \$0.311 as modules by Sirius PV, Solar4America, and Panasonic were remarketed. The same price increase was present in P-Type Bifacials for the month of December.

What is PV system cost model (pvscm)?

In the PV System Cost Model (PVSCM), the owner's overnight capital expense (cash cost) for an installed PV system is divided into eight categories, which are the same for the utility-scale, commercial, and residential PV market segments: Module - The cost to the installer of photovoltaic modules, as delivered.

What is the PV module price index?

The PV Module Price Index tracks wholesale pricing and supply of crystalline-silicon modules that have fallen out of traditional distribution channels, and as a result are listed for resale on the EnergyBin exchange.

Do PV modules lose resale value?

For historical secondary market PV module pricing from 2020 through 2023, download the 2023 PV Module Price Index from EnergyBin's Resources portal. Overall, the price index shows that new PV modules don't tend to lose resale value in the U.S. secondary market unless their technology is older, such as Legacy POLY modules.



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### Solar Photovoltaic System Cost Benchmarks

2 days ago · The U.S. Department of Energy's solar office and its national laboratory partners analyze cost data for U.S. solar photovoltaic systems to develop cost benchmarks to measure ...

### Global average price for solar PV modules 2024, Statista

Nov 28, 2025 · Average spot price for solar photovoltaic modules worldwide from 2016 to 2024 (in U.S. dollars per watt-peak) You need a Statista Account for unlimited access Immediate ...

### Solar Module Prices 2025: Complete Guide To Current Costs ...

Sep 23, 2025 · Comprehensive guide to solar module prices in 2025. Current costs, market trends, buying strategies, and price forecasts. Updated with latest data.

### Solar Market Insight Report - SEIA

Sep 8, 2025 · Combined, solar and storage accounted for 82% of new capacity in the first half of the year. The US added 4.3 GW of solar module manufacturing capacity in Q2, bringing the ...

### Global average price for solar PV modules 2024, Statista

Nov 28, 2025 · Global solar PV manufacturing costs relative to China 2023, by region Global solar PV manufacturing cost breakdown 2023, by driver Global average price for solar PV modules ...

### Global solar module manufacturing capacity ...

Mar 24, 2025 · CEF estimates that at the end of 2025, the US will have an annual nameplate production of 55-60GW for solar modules, assuming ...

### 2024 PV Module Price Index

Jan 2, 2025 · View pricing and availability of c-Si solar panels listed for resale in the secondary market. The 2024 PV Module Price Index is presented by EnergyBin.

### Solar

Nov 29, 2025 · The 50% decrease in solar PV module spot prices observed in 2023, was an important driver of increased investment. Utility-scale ...

### Solar Installed System Cost Analysis , Solar ...

6 days ago · Solar Installed System Cost Analysis NLR analyzes the total costs associated with installing photovoltaic (PV) systems for residential ...

### PV spot price

Dec 3, 2025 · InfoLink Consulting provides weekly updates on PV spot prices, covering module



price, cell price, wafer price, and polysilicon price. Learn about photovoltaic panel price trends ...

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U.S. solar photovoltaic modules cost 2006 ...

Jul 9, 2025 · U.S. annual average cost of solar photovoltaic modules 2006-2019 Published by Lucía Fernández, Jul 9, 2025

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Executive summary - Solar PV Global Supply ...

5 days ago · Global capacity for manufacturing wafers and cells, which are key solar PV elements, and for assembling them into solar panels (also ...

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Solar (photovoltaic) panel prices

Aug 22, 2025 · Solar (photovoltaic) panel prices What you should know about this indicator IRENA presents solar photovoltaic module prices for a number of different technologies. Here ...

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Photovoltaic Module Prices 2025: Updated Data

Oct 7, 2025 · Updated photovoltaic module prices 2025: in August, high-efficiency solar panels fell to an average of EURO0.12/Wp in Europe.

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Empirical approach shows PV is getting ...

Dec 5, 2023 · Solar module prices have fallen more than 99.8% since 1976. Study of almost 3,000 forecasts has revealed just how unambitious ...

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2023 PV Module Price Index

Jan 26, 2024 · The third annual (2023) PV Module Price Index - Secondary Solar Market report is now available for download. The PV module price ...

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Global module prices trend upward in Q2

Mar 14, 2025 · The recent surge in module prices is driven by expectations of an installation rush up to the first half of Q2 2025, following two key solar policy changes announced by the ...

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4th PV Module Price Index by EnergyBin Reveals 95% of Modules ...

Mar 11, 2025 · Today EnergyBin announced the release of their fourth annual (2024) PV Module Price Index for the Secondary Solar Market report.

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Global solar module prices mixed on varying ...

Jan 17, 2025 · Global solar module prices mixed on varying demand expectations In a new weekly update for pv magazine, OPIS, a Dow ...

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