

# Solar pv modules price





## Overview

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Weekly spot price report for 182mm modules will be based on the 182\*182-210mm format from June 2024 onwards due to the slim price gap among varying formats. Prices for Chinese project will be prices for TOPCon modules instead of PERC from April 2024 onwards. BC module prices in China will be added.

IRENA presents solar photovoltaic module prices for a number of different technologies. Here we use the average yearly price for technologies 'Thin film a-Si/u-Si or Global Price Index (from Q4 2013)'. IRENA (2024); Nemet (2009); Farmer and Lafond (2016) – with major processing by Our World in Data.

Every month we publish a current price index on the development of wholesale prices of solar modules. In doing so, we differentiate between the main technologies available on the market. Since 2009, pvXchange has provided a unique price index for the European market, which has become an invaluable.

In a new weekly update for pv magazine, OPIS, a Dow Jones company, provides a quick look at the main price trends in the global PV industry. FOB China: The Chinese Module Marker (CMM), the OPIS benchmark assessment for TOPCon modules from China dropped 1.15% on the week to \$0.086/W Free-On-Board.

Prices this week: This week, the mainstream concluded price for mono recharge polysilicon is RMB 45.0/KG, while mono dense polysilicon is priced at



RMB 43.0/KG and N-type granular silicon is currently priced at RMB 42.5/KG. Market activity: Some leading polysilicon producers secured high-priced.

The index focuses on the European market, which pvXchange has been monitoring since 2009 with a unique pricing tool. This tool highlights trends in the sector by categorizing products into three main types: This category includes panels with heterojunction (HJT) mono or bifacial cells, type-N. 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 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 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 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.



How much does a module cost in 2024?

High-Efficiency Modules: Average price of €0.14/Wp, down 6.7% from September 2024 and 39.1% from January 2024. 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.



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### [OPIS Solar Weekly , Solar Panel Materials Pricing](#)

Gain access to the only published solar industry analysis report with Solar Modules Forward Curves in the industry and based primarily on traded prices, bids and offers for solar photovoltaic (PV) modules as collected from market ...



### [Solar Photovoltaic Prices, PV modules, PV glass, PV...](#)

SMM brings you current solar photovoltaic equipment or material prices and historical price charts such as polysilicon prices, silicon wafer prices, battery cell prices, module prices, silicon powder prices, trichlorosilane prices, high-purity ...



### **PV Price Trends , TrendForce**

Supply-demand Dynamics: With September approaching, ground-mounted solar PV project procurement and stocking activities are gradually starting, increasing demand for solar modules. Backed by the anti-irrational price competition ...



### **Solar blog & Photovoltaic guide**

MARKET ANALYSIS: Price development of solar modules Here you will find the complete collection of all articles on the price development of solar modules as well as commentaries on the



PV market development, which ...



### 1Q 2024 Global PV Market Outlook

March 4, 2024 By Jenny Chase, Solar, BloombergNEF The photovoltaic industry added about 444 gigawatts of new capacity in 2023, a 76% growth on 2022 build. Prices of solar modules are at record lows, and supply of components is ...



### Global solar module prices mixed on differing demand ...

Global solar module prices mixed on differing demand outlook In a new weekly update for pv magazine, OPIS, a Dow Jones company, provides a quick look at the main price trends in the global PV



### Solar Module

Find here Solar Module, Solar PV Module manufacturers, suppliers & exporters in India. Get contact details & address of companies manufacturing and supplying Solar Module, Solar PV Module, Rooftop Solar Photo Voltaic Module across ...





### [Solar Panel Cost in 2025: How to Estimate The Cost...](#)

Get multiple binding solar quotes from solar installers in your area. Is the price of solar panels falling? The price of solar panels has declined substantially over the last decade as the industry has matured and reached ...



### [PV module trading prices heading down - strong](#)

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, ...

### [Solar Photovoltaic System Cost Benchmarks](#)

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 progress towards goals and guide research and development ...



### [China Module Prices Decline Amid Weak Demand](#)

Prices for Chinese solar modules have reached record lows, according to the latest data from OPIS. The benchmark assessment for TOPCon modules from China has fallen to \$0.100 per watt, a decline of \$0.005 per watt ...



### **Solar PV Panel Prices in 2024 , Cost of Installing Solar**

Learn more about the costs of Solar PV Systems and Solar Panel Pricing , Loadshedding solution systems and solar power kit prices , Contact Solar Energy Installers for the latest detailed pricing!



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