

Modular Solar Photovoltaic Panel Prices



AI Overview

As of mid-2026, modular solar photovoltaic panels range from approximately €0.060/Wp for low-cost modules to €0.145/Wp for high-efficiency full black modules in Europe, with global prices varying by region and technology. Current Price Ranges

Low-cost modules: Around €0.060/Wp, showing a slight annual decline but a recent monthly increase of 9.1% in Europe (January 2026 vs June 2026) due to market rebound and supply-demand adjustments.

Mainstream modules: Average price is €0.115/Wp, typically monocrystalline PERC or TOPCon panels with efficiencies up to 23%.

High-efficiency modules: Prices have risen to €0.130/Wp, including heterojunction (HJT), n-type TOPCon, or back-contact technologies with efficiencies above 23%.

Full black modules: Premium modules average €0.145/Wp, reflecting an 11.5% increase over the past month.

Global wholesale prices also vary significantly: Chinese FOB prices are around \$0.087/W, European markets €0.095-0.110/W, and U.S. markets \$0.25-0.28/W due to tariffs and domestic content requirements.

TOPCon technology has become mainstream, capturing nearly 49% of global production capacity, offering 22-24% efficiency at competitive prices.

Factors Influencing Prices

Raw material costs: Polysilicon and wafer prices affect module costs, with traceability and quality specifications adding premiums.

Manufacturing technology: Advanced technologies like TOPCon, HJT, and bifacial modules command higher prices due to efficiency gains.

Regional trade policies: Tariffs, import duties, and domestic content requirements create price disparities between markets.

Supply-demand dynamics: Market rebounds, consolidation, and exit of financially stressed suppliers have contributed to recent price increases.

Price Trends

European module prices have rebounded 15-18% since December 2025, with month-on-month increases of 4-5% across most segments. Analysts project gradual price increases through 2027, potentially reaching €0.13/W for high-efficiency modules due to man...

Article Content

Solar Module Prices 2025: Complete Guide To Current Costs & Trends

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

Photovoltaik Preisentwicklung: PV-Module Preisindex

PV-Preisindex: Preis Photovoltaik-Module, PV-Großhandelspreis €/Wp, aktuelle monatliche Entwicklung, Trends für diverse Solarmodulklassen.

High-Efficiency Solar Panels at Competitive Prices

Explore NAZ Solar Electric for premium, cost-effective solar panels from top brands. Our extensive selection of high-efficiency photovoltaic (PV) modules ensures the perfect fit for your energy needs.

PV spot price

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 and solar panel

2025 solar ranking | Wood Mackenzie

The world's top 10 solar photovoltaic (PV) module manufacturers shipped a record 500 gigawatts (GW) of modules in 2024, nearly doubling the

Solar industry accelerates shift from silver as costs soar

Silver price surge impacts solar panel production costs Solar industry shifts to copper to reduce costs Switch could save \$15 billion annually, despite

PRICE INDEX | June 2026

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.

Modulpreise 2026: Entwicklung, Index & Charts

Was kosten aktuelle Photovoltaik-Module? Modulpreise liegen 2026 bei etwa 150 Euro pro Kilowatt-Peak für Glas-Glas-Module. Das aktuelle

Photovoltaikanlagen-Preise im Überblick

Jeder Typ muss in einem eigenen und aufwendigen Herstellungsverfahren produziert werden, daher variieren die Preise je nach Modultechnik.

Solar PV

Solar energy is the conversion of sunlight into usable energy forms. Solar photovoltaics (PV), solar thermal electricity and solar heating and cooling are

Silver in 2026 and Beyond: Rising Prices, Solar

Silver prices surge in 2026 as solar manufacturers cut usage, investment demand rebounds, and supply deficits persist.

Polysilicon Solar PV Price

All solar PV (Photovoltaic) real-time price update, such as Panel/Module, Inverter, Wafer, Cell, and poly / Silicon, and research reports.

Latest Solar Panel Technology 2026: Trends & Innovation

Explore the latest solar panel technology in 2026, from perovskite tandem cells and bifacial panels to flexible solar, transparent PV glass, and AI-powered smart

Solar Panel Manufacturers

List of solar panel manufacturers. A complete list of companies that make solar panels, including factory production and panel power ranges produced.

Executive summary - Solar PV Global Supply Chains

Executive summary China currently dominates global solar PV supply chains Global solar PV manufacturing capacity has increasingly moved from Europe, Japan

China Cancels PV Module Export Tax Rebates April

China eliminates solar export tax rebates effective April 1, 2026. Module prices forecast to rise 10-15%. Get the complete analysis and pricing

Most efficient solar panels 2025 — Clean Energy Reviews

Why is solar panel efficiency important? We explain the misconceptions around efficiency and list the most efficient panels from the

Kosten von Solarmodulen 2025 | Aktuelle Preise

Im August 2025 bewegen sich die Preise für einzelne Solarmodule in Deutschland zwischen 68 und 118 Euro – je nach Modell, Leistungsklasse und

ENF List of Solar Companies and Products

ENF Solar is the top source of photovoltaic information connecting solar suppliers and customers. We list all photovoltaic manufacturing companies, products and

Solar Container | Large Mobile Solar Power Systems

Explore LZY Containers's customizable and scalable solar container solutions, with rapidly deployable folding PV panels combined with containerized designs. Learn

Sunrise Energy Co. Ltd PV Module, Solar Energy

As one of leading solar panel suppliers in China, the Sunrise module solar products currently mainly include the development, production installation, and sales of

Photovoltaics Report

Objective of the Report The objective of the “Photovoltaics Report” is to provide up-to-date, fact-based information on the PV market in Germany, Europe, and worldwide, as well as on the

Photovoltaic module prices 2026, how much do solar panels cost?

Updated photovoltaic module prices 2026, in January high-efficiency solar panels reached an average of €0.115/Wp.

Solar photovoltaic panel prices

Solar photovoltaic module prices refer to the cost of the solar panel itself, and do not include installation or other system components. Prices are

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