

# Photovoltaic panel comparison index chart



## Overview

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NLR maintains a chart of the highest confirmed conversion efficiencies for champion modules for a range of photovoltaic technologies, plotted from 1988 to the present. Learn how NLR can help your team with certified efficiency measurements. Data source: IRENA (2025); Nemet (2009); Farmer and Lafond (2016) - Learn more about this data Note: Costs are expressed in constant 2024 US\$ per watt. Global estimates are used before 2010; European market. Your trusted resource for comparing solar panels. Department of Energy (DOE) Solar Energy Technologies Office (SETO) and its national laboratory partners analyze cost data for U. solar photovoltaic (PV) systems to develop cost benchmarks. These benchmarks help measure progress toward goals for reducing solar electricity costs. By Finn Peacock, Chartered Electrical Engineer, Fact Checked By Ronald Brakels Find prices for solar panels and compare technical specifications of various brands and models of modules in our regularly updated solar panel comparison table.

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### Solar Panel Comparison Chart



Chart and explanation on how to choose the best solar power panels. Compares panel price, efficiency, and output.

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### Compare Solar Panels

Find prices for solar panels and compare technical ...



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### PV Panel Efficiency Ratings and Comparison Table

Comparison table of the most efficient solar panels 2024. A definition of PV efficiency and what affects it. Find out what model is the best.

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### Solar Panel Comparison Tool

Compare up to 4 solar panels side-by-side. Analyze specifications, efficiency, warranties, and pricing to make the best decision. Add Panels to Compare Export Comparison (CSV) Print Report



### Solar photovoltaic panel prices

Due to limited data availability, we use the Global Price Index series reported by IRENA, based on pvXchange benchmark prices for modules sold in Europe. Historical prices have been ...

### Solar Photovoltaic System Cost Benchmarks

Figure 4 illustrates this year's benchmark LCOE values for both PV and PV+ESS. For comparison, the corresponding LCOE value for each type of system in 2020 and 2023 are shown.



### Compare Top Solar Panels: Performance, Costs and Payback

Compare top solar panels on performance, costs, and payback. Make informed decisions and maximize your investment with the best solar modules

for your home or business.



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## Champion Photovoltaic Module Efficiency Chart

NLR maintains a chart of the highest confirmed conversion efficiencies for champion modules for a range of photovoltaic technologies, plotted from 1988 to the present.



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## PRICE INDEX , January 2026

PRICE INDEX , January 2026 Photovoltaic Price Index 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 ...

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## Contact Us

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