

# What are the top five photovoltaic panel companies

As we have seen from our list of best solar panel manufacturers in the world and influential solar panel brands, there are many companies that develop and produce solar panels.

First Solar, Hanwha Q Cells, Canadian Solar, T1 Energy, and Illuminate USA are the top 5 solar panel manufacturing companies in the US, ranked based on their production capacity in 2025.

In this guide, we'll break down the top solar panel brands for 2025, covering everything from performance to unique features, so you can make an informed decision.

Independent testing reveals the top solar panel brands for 2025. Compare efficiency, warranties, and real-world performance from industry experts.

This guide compiles the top solar panel manufacturers, ranks the leaders by power shipments, and explains which company profiles are best suited for different project types.

This guide profiles the top solar panel manufacturers, enabling you to quickly shortlist, match factory capabilities to your brief, and select the right solar panel technology for optimal power, ...

OverviewSolar PanelsTop 5 MakersPower Your HomeBest Overall etcCriteria To ConsiderFactors Affecting EfficiencyThis article provides information on the top five solar panel makers and their product lineups. It also gives tips for choosing the best solar panels for your home, including cost, efficiency rating, wattage output, temperature coefficient rating, energy needs and available space. The article explains how to compare quotes from top-rated solar pane...See more on forbes

**.b\_ans .b\_mrs**{width:648px;contain-intrinsic-size:648px 296px;display:flex;flex-direction:column;align-items:flex-start;gap:var(--smtc-gap-between-content-medium);align-self:stretch;padding:var(--smtc-gap-between-content-medium) 0}.b\_ans #b\_mrs\_DynamicMRS h2{display:-webkit-box;-webkit-box-orient:vertical;-webkit-line-clamp:1;line-clamp:1;align-self:stretch;overflow:hidden;color:var(--smtc-foreground-content-neutral-secondary);text-overflow:ellipsis;font:var(--bing-smtc-text-global-subtitle1)}#b\_results #b\_mrs\_DynamicMRS .b\_vList li{width:320px!important;padding-bottom:0;display:inline-block}#b\_mrs\_DynamicMRS .b\_vList li:not(:nth-last-child(1)):not(:nth-last-child(2)){margin-bottom:var(--smtc-gap-between-content-x-small)}#b\_mrs\_DynamicMRS .b\_vList li:nth-child(odd){margin-right:var(--smtc-gap-between-content-x-small)}#b\_mrs\_DynamicMRS .b\_vList li a{display:flex;height:48px;padding:0 var(--mai-smtc-padding-card-default);align-items:center;gap:var(--smtc-gap-between-content-small);flex-shrink:0;border-radius:var(--smtc-corner-circular);background:var(--bing-smtc-data-background-gray-subtle);color:var(--smtc-foreground-content-neutral-primary);transition:background-color

# What are the top five photovoltaic panel companies

var(--smtc-duration-medium-01) var(--bing-smtc-animation-ease-default)}#b\_mrs\_DynamicMRS .b\_vList li a: hover{background:var(--bing-smtc-background-ctrl-subtle-pressed)}#b\_mrs\_DynamicMRS .b\_vList li a .b\_dynamicMrsSuggestionIcon{display:block;width:20px;height:20px;background-clip:content-box;overflow: hidden;box-sizing:border-box;padding:var(--smtc-padding-ctrl-text-side);direction:ltr}#b\_mrs\_DynamicMRS .b\_vList li a .b\_dynamicMrsSuggestionIcon:after{display:inline-block;transform-origin:-762px -40px;transform:scale(.5)}#b\_mrs\_DynamicMRS .b\_vList li a .b\_dynamicMrsSuggestionText{font:var(--bing-smtc-text-global-body2);display:-webkit-box;text-align:left;-webkit-box-orient:vertical;-webkit-line-clamp:2;line-clamp:2;overflow-wrap:break-word;overflow:hidden;flex:1}#b\_mrs\_DynamicMRS .b\_vList li a .b\_belowBOPAdsMrsSuggestionText strong{font:var(--bing-smtc-text-global-caption1-strong)}#b\_mrs\_DynamicMRS .b\_vList li a .b\_dynamicMrsSuggestionIcon:after{content:url(/rp/EX\_mgILPdYtFnI-37m1pZn5YKII.png)} Searches you might like best portable solar panels most efficient solar panels best solar companies best residential solar panels Blackridge Research & Consulting Top 10 Solar Panel Manufacturers in the USA (2026) First Solar, Hanwha Q Cells, Canadian Solar, T1 Energy, and Illuminate USA are the top 5 solar panel manufacturing companies in the US, ranked based on their production capacity in 2025.

Explore the biggest solar panel manufacturers and top-tier brands: a detailed comparison of the solar industry's big players.

Whether you're looking for a residential or commercial solution, this guide provides a detailed overview of the top solar panel brands to help you make an informed decision.

Compare the best PV solar panel brands of 2025 based on efficiency, durability, and cost to find the right option for your home.

We've rounded up the top five best solar panels, so stay tuned to compare your options and choose the top solar company for your system.

## **What are the top five photovoltaic panel companies**