



Male solar panel manufacturers





Overview

This guide gives a clear overview of the top 10 U.S. solar panel manufacturers in 2025. You will see each company's production capacity, technology strengths, factory locations, and domestic-content advantages.

This guide gives a clear overview of the top 10 U.S. solar panel manufacturers in 2025. You will see each company's production capacity, technology strengths, factory locations, and domestic-content advantages.

Solar panel manufacturers in the USA are steering record-breaking solar installations in 2025. According to the US Department of Energy, in Q1 of 2025, the US installed a capacity of 10.8 GWdc of new solar capacity, while 8.6 GW of module manufacturing capacity was added. Texas and Florida recorded.

In 2025, the top five solar panel manufacturers in the U.S. based on production capacity are: Although some of these companies are foreign-owned, they all manufacture solar panels on American soil, providing jobs for thousands of workers. Let's take a closer look at these leading solar.

American-made solar panels: Who are the top manufacturers?

If 'Made in the USA' is on your list of must-have features, you have a bunch of solid options to pick from. Why trust EnergySage?

As subject matter experts, we provide only objective information. We design every article to provide you with.

Installations passed 40 GWdc in 2024, and utility-scale projects now supply power to millions of homes nationwide. More developers, EPCs, and distributors want stable suppliers inside the country, especially as domestic content rules and IRA incentives continue to shape purchasing decisions. In.

Whether you are installing solar for your home, business, or a large-scale project, knowing the top brands helps you avoid costly mistakes from low-yield systems. In this article, we list the top 12 solar PV panel manufacturers we vouch for. These 12 suppliers are known for their durability.



This is a current grouping of solar manufacturers in the United States that produce solar panels and their associated materials for the traditional residential, commercial and utility-scale markets. This data is collected by Solar Power World editors and will be continually updated as facilities. Who makes solar panels in the USA?

Here's more information about five of the biggest, best companies that make solar panels in the USA. The top five solar panel manufacturers in the U.S. are First Solar, Qcells, Canadian Solar, Illuminate USA, and T1 Energy. These companies produce high-performance solar panels for residential, commercial, and utility-scale installations.

Who makes the most solar panels in the US?

First Solar is the largest manufacturer of solar panels in the US with a production capacity of 10.6 GW as of June 2025. It has two manufacturing capacities in Ohio and Alabama. Check out the top solar panel manufacturers in the US, such as First Solar, Hanwha QCELLS, Canadian Solar, T1 Energy, and Illuminate USA.

Who makes the best solar panels?

SunPower Corporation SunPower has long been recognized for producing some of the highest-efficiency solar panels in the market. Based in California, they offer integrated solutions including solar panels, batteries, and monitoring software, mainly for residential and commercial customers.

Where are solar panels made?

Until recently, most of the solar panels installed in the United States were not actually made here. Instead, they were manufactured overseas—mainly in China—where production costs were lower. However, a shift has taken place in the American solar industry over the past few years.



Male solar panel manufacturers



[Top 10 Solar Panel Manufacturers In The USA \(2025 Ranking\)](#)

Discover the top Solar Panel Manufacturers in the USA for 2025, including leading brands, production capacity, technologies, and domestic-content advantages. This guide helps ...

[American-made solar panels: Who are the top manufacturers?](#)

We've rated thousands of solar panels made by dozens of manufacturers based on efficiency, power output, warranty, and other important specs that allow each panel to make ...



**200kWh
Battery Cluster**



[10 American Made Solar Panels \(2025 ...](#)

Solar energy is a great way to cut down on power costs. In this article, we share the best American made solar panels across a wide ...

[Top 12 Solar Panel Manufacturers in 2025](#)

In this article, we list the top 12 solar PV panel manufacturers we vouch for. These 12 suppliers are known for their durability, warranty strength, and global reputation.



[Top 12 Solar Panel Manufacturers in 2025](#)

In this article, we list the top 12 solar PV panel manufacturers we vouch for. These 12 suppliers are known for their durability, warranty ...

PUSUNG-R (Fit for 19 inch cabinet)



[Top 10 Solar Panel Manufacturers in the USA \(2025\)](#)

While the US solar market continues to achieve milestones, solar panel manufacturers are driving the momentum with innovations in solar panels. In this blog, we have covered the top solar ...



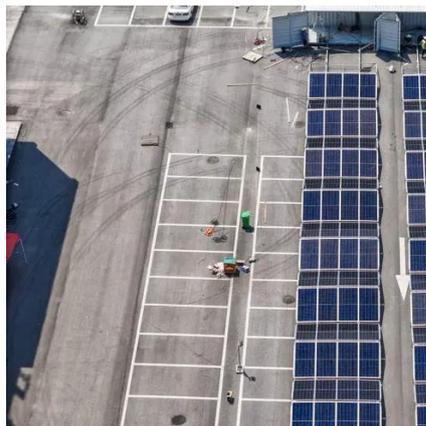
Convalt Energy

Our factories will produce Tier 1 solar panels for residential, commercial, industrial, and utility-scale projects, restoring resilience to the U.S. solar supply chain. Our business model is built ...



[Top 20 Solar Power System Manufacturers in the USA \(2025\)](#)

Here is a comprehensive look at the top 20 solar power system manufacturers in the USA. These companies are setting benchmarks for innovation, production capacity, and ...



[10 American Made Solar Panels \(2025 Manufactures List\)](#)

Solar energy is a great way to cut down on power costs. In this article, we share the best American made solar panels across a wide range of price points.



[Top 20 Solar Power System Manufacturers in the ...](#)

Here is a comprehensive look at the top 20 solar power system manufacturers in the USA. These companies are setting ...



[American-made solar panels: Who are the top ...](#)

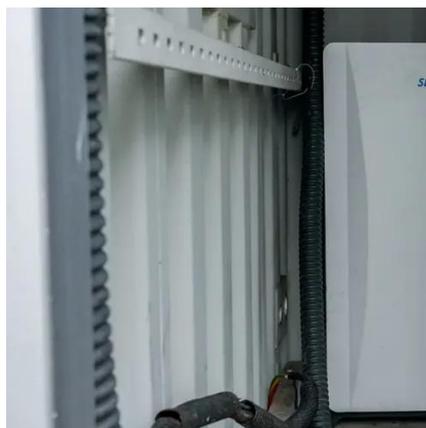
We've rated thousands of solar panels made by dozens of ...





[Top 5 American Solar Panel Manufacturers In 2025](#)

Top 5 American solar panel manufacturers in 2025: A list of top U.S. solar panel manufacturers. Find the best companies that produce high-quality, American-made solar ...



[Top 5 American solar panel manufacturers in 2025](#)

The top five solar panel manufacturers in the U.S. are First Solar, Qcells, Canadian Solar, Illuminate USA, and T1 Energy. These companies produce high-performance solar panels for ...



[Top 5 American Solar Panel Manufacturers In ...](#)

Top 5 American solar panel manufacturers in 2025: A list of top U.S. solar panel manufacturers. Find the best companies that ...



[Solar panel manufacturers in the United States](#)

A current list of U.S. solar panel manufacturers that produce solar panels for the traditional American residential, commercial and utility-scale markets.





[Top 5 American solar panel manufacturers in 2025 ...](#)

The top five solar panel manufacturers in the U.S. are First Solar, Qcells, Canadian Solar, Illuminate USA, and T1 Energy. These companies ...



[Solar panel manufacturers in the United States](#)

A current list of U.S. solar panel manufacturers that produce solar panels for the traditional American residential, commercial and utility ...



1075KWHH ESS



Contact Us

For inquiries, pricing, or partnerships:

<https://www.sccd-sk.eu>

Phone: +32 2 808 71 94

Email: info@sccd-sk.eu

Scan QR code for WhatsApp.

