



Northwest solar panel manufacturer in the United States





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.

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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.

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.

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.

Thanks in large part to the Inflation Reduction Act (IRA) of 2022, the U.S. now boasts nearly enough production capacity to meet its entire domestic solar panel demand. Here are the Top 5 U.S.-based solar panel manufacturers of 2025, based on production capacity and impact: 1. First Solar –.

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.

The current top five USA solar panel manufacturers by peak manufacturing capacity are: American-made solar panels may not always come from American companies, but they are built by American workers. Here's more information about



five of the biggest, best companies that make solar panels in the USA. 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.

Where can I find solar panels in the USA?

Thomas has been North America's number one industrial sourcing platform for more than 125 years. On Thomasnet, you'll find more than 580 suppliers of solar panels in the USA. You can filter these companies by location, certifications, and more factors to easily find and connect with the right supplier for your needs.

Who makes illuminate solar panels?

Illuminate USA is an advanced solar panel manufacturing company based in Pataskala, Ohio. It is majorly owned by Invenergy, a U.S.-based renewable energy developer, and Chinese solar LONGi Green Energy Technology. It was founded in 2023. Illuminate USA is a leading U.S. solar panel manufacturer that operates about 1.1 million-square-foot facility.



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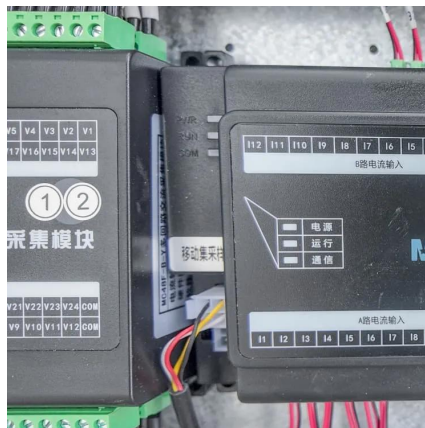


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While the US solar market continues to achieve milestones, solar panel manufacturers are driving the momentum with innovations in solar panels. In this blog, we have covered the top solar ...



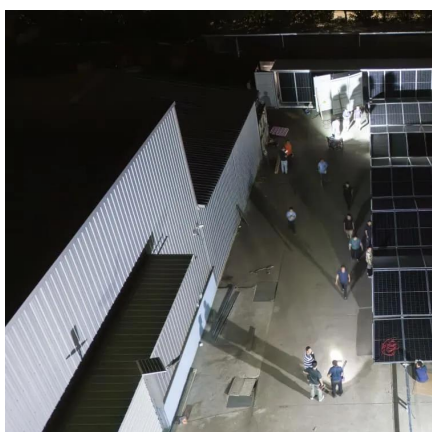
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A current list of U.S. solar panel manufacturers that produce solar panels for the traditional American residential, commercial and utility-scale markets.

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

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Made in the USA: Meet the Top 5



American Solar Panel Manufacturers

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