

How many solar photovoltaic panel factories are there



Overview

The latest release includes data on 5,712 facilities covering 49 states (plus the District of Columbia). Manufacturing Renaissance Driven by Policy Support: American solar manufacturing has reached a critical milestone in 2025, with domestic factories now capable of producing enough panels to meet nearly all U.S. demand. Over \$36 billion in investments and 44,000 new manufacturing jobs. The U.S. solar industry is now producing enough panels to meet nearly all U.S. demand. It details their nameplate capacities, or the full amount of potential output at an existing facility, where known. This is a list of notable photovoltaics (PV) companies. Grid-connected solar photovoltaics (PV) is the fastest growing energy technology in the world, growing from a cumulative installed capacity of 7.7 GW in 2007, to 320 GW in 2016. In 2016, 93% of the global PV cell manufacturing capacity. This guide compares leading solar panel manufacturers worldwide, examines the resurgence of US manufacturing, and shows how businesses can source panels wholesale. In recent years, global production of crystalline silicon modules exceeded five hundred gigawatts, nearly doubling the previous year.

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[How Many Solar Photovoltaic Panel Factories Are There Globally](#)

Global Solar PV Factory Landscape: Key Statistics
As of 2023, there are approximately 1,200-1,500 solar panel manufacturing facilities worldwide. This count includes:



Solar Manufacturing Map

This map provides information about all of the solar photovoltaic (PV) manufacturing facilities in the United States and how they contribute to the solar supply chain.



[Where Are Solar Panels Made? Complete 2025 Global Manufacturing](#)

Discover where solar panels are manufactured globally. China leads with 77.8% production, but learn about quality, ethics, and alternatives in our comprehensive 2025 guide.

The U.S. Large-Scale Solar Photovoltaic Database

The United States Large-Scale Solar Photovoltaic Database (USPVDB) provides the locations and array boundaries of U.S. photovoltaic (PV) facilities with capacity of 1 megawatt or more. It includes



Solar Panel Manufacturers 2025:



Global And US Leaders

This guide compares leading solar panel manufacturers worldwide, examines the resurgence of US manufacturing, and shows how businesses can source panels wholesale.

How Many Photovoltaic Panel Manufacturers Exist Globally? The

Let's cut through the haze - photovoltaic panel manufacturing isn't your typical backyard lemonade stand business. As of 2024 financial rankings, at least 52 major players are battling it out in the solar



Solar Panel Manufacturing in the US Number of Businesses

How many businesses are there in the Solar Panel Manufacturing in the US in 2025? There is 22 Solar Panel Manufacturing in the US businesses as of 2025, an increase of 4.8% from

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.



List of photovoltaics companies

According to EnergyTrend, the 2011 global top ten polysilicon, solar cell and solar module manufacturers by capacity were found in countries including People's Republic of China, United States, Taiwan,

Solar photovoltaic industry in the U.S.

Find up-to-date statistics and facts on the solar photovoltaic industry in the United States.



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