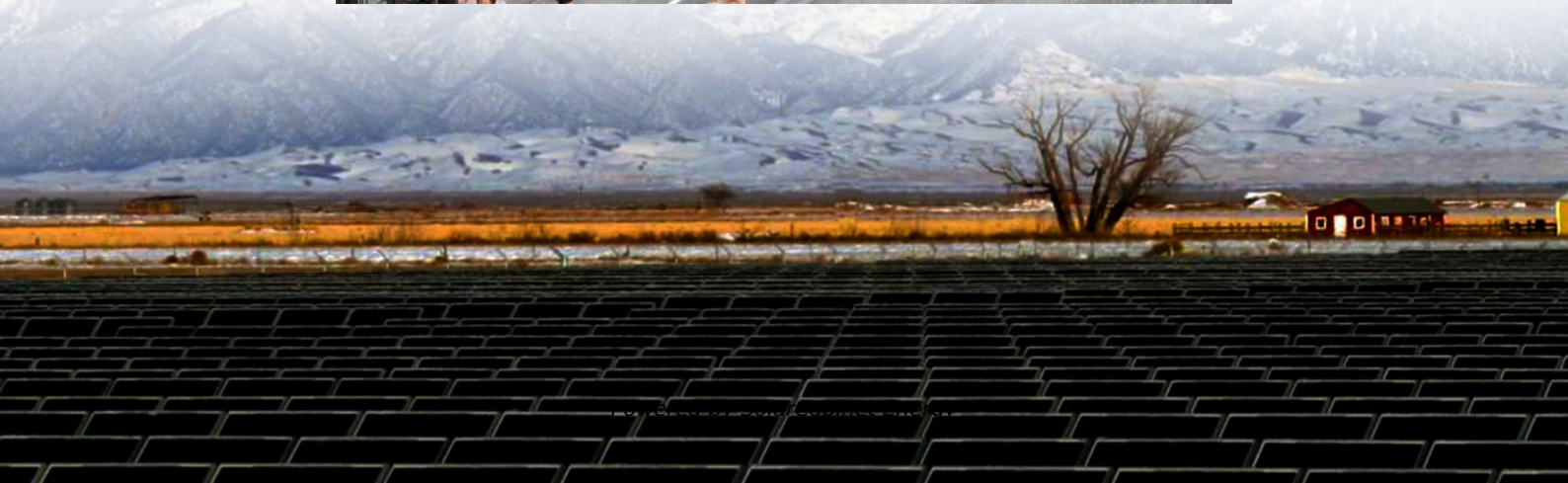


Brazil s new energy solar panel components for industry and commerce





Overview

Brazilian companies now manufacture key items like aluminum frames, solar glass, junction boxes, and backsheets. This creates a dual-market reality that new manufacturers must learn to navigate. For many new ventures, importing components is the default starting point. Is Brazil embracing solar energy?

Brazil isn't just embracing solar energy—it's revolutionizing its potential in the global energy sector. As we count down to the Solar World Congress 2025 in Fortaleza, let's dive into Brazil's solar energy history. Fifteen years ago, no one could have imagined that Brazil would become one of the world's largest powers in photovoltaic solar energy.

Does Brazil have a potential for photovoltaic energy?

During the era of isolated systems, some companies began to recognize Brazil's potential for photovoltaic generation. But it wasn't only the private sector that became interested in this source—the public sector also began seriously considering the possibility of expanding the electricity matrix with photovoltaic solar energy.

How many solar installers are there in Brazil?

Brazilian solar panel installers – showing companies in Brazil that undertake solar panel installation, including rooftop and standalone solar systems. 2,953 installers based in Brazil are listed below. .

Which solar systems are used in Brazil?

Trackers dominate Brazil's utility-scale solar sector, with 94.85% of installations opting for this technology. In contrast, fixed structures are used in only 4.32% of projects, and East-West configurations make up a minor 0.83%.

Where are solar panels made in Brazil?

Pirapora Solar Complex, one of the largest in Brazil and Latin America, with a capacity of 321 MW. In 2016, a factory capable of producing 400 MW of solar



panels a year opened in Sorocaba in São Paulo, owned by Canadian Solar. A plan to build a solar panel factory in Rio Grande do Norte was announced by the Chinese manufacturer Chint in 2017.

How much solar power does Brazil have?

The total installed solar power in Brazil was estimated at 53.9 GW at February 2025, which consists of about 21.9% of the country's electricity matrix. In 2023, Brazil was the 6th country in the world in terms of installed solar power capacity (37.4 GW).



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Some policies and regulations regarding solar PV energy in Brazil are in place and have been amended over the years to adapt to trends and needs of the national solar energy sector, ...



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