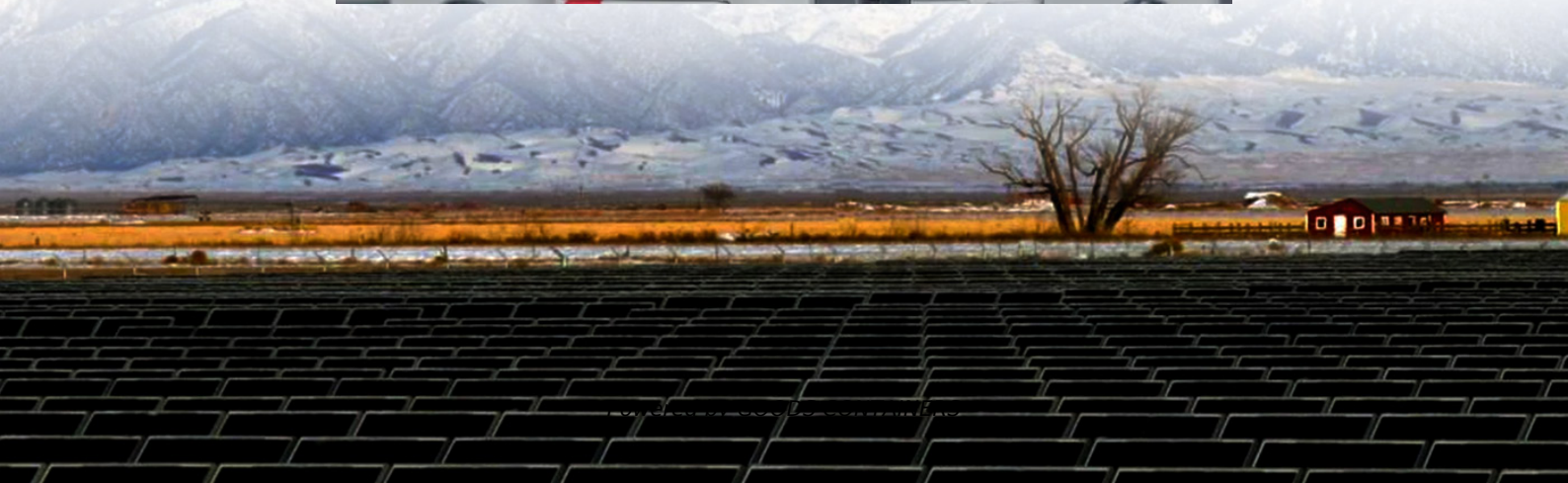


# What solar panels are best for power generation in Sao Paulo Brazil





## Overview

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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 much solar power does Brazil have?

In a new monthly column for **pv magazine**, the International Solar Energy Society (ISES) reports that Brazil currently has more than 85% renewable electricity, mainly hydropower, but with rapidly growing shares of solar and wind power.

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%.



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