



# Brazil's distributed solar modules

How much solar power does Brazil have?

Brazil's aggregate installed solar PV capacity now exceeds 55 GW, making up 22.2% of the country's national electricity mix, according to local solar PV association ABSOLAR. Solar PV is next only to hydroelectric projects, which account for more than 40% of the country's total power generation capacity.

How has distributed solar generation capacity changed in Brazil?

Distributed solar generation capacity grew from less than 1 gigawatt (GW) in 2018 to 40 GW in 2025 through June, accounting for 43% of all electricity capacity additions over that period. In 2012, Brazil implemented net metering policies, which have recently contributed to large increases in distributed solar generation capacity.

Is distributed generation leading Brazil's solar PV generation expansion?

Distributed generation is leading Brazil's solar PV generation expansion. (Illustrative Photo; Photo Credit: Andre Nery/Shutterstock.com) Brazil's aggregate installed solar PV capacity now exceeds 55 GW, making up 22.2% of the country's national electricity mix, according to local solar PV association ABSOLAR.

How much solar power does Brazil have in 2024?

A new ABSOLAR report, according to local media, separates this total capacity as 37.4 GW in distributed generation (DG) and 17.6 GW in large-scale projects. In 2024, Brazil installed 14.97 GW of new PV capacity, taking the cumulative to 52.88 GW.

Briefing Brazil's distributed solar generating capacity has emerged as the nation's fastest-growing power source, significantly reshaping its electricity landscape. This rapid expansion, primarily driven ...

In 2012, Brazil implemented net metering policies, which have recently contributed to large increases in distributed solar generation capacity. Compared with distributed solar, utility-scale solar ...

The association emphasized that distributed PV systems have been installed in 5,545 municipalities across Brazil, playing a crucial role in reducing electricity costs for consumers. Ronaldo ...

Discover a business case for starting a local solar module factory in Brazil's booming Distributed Generation market. Learn how to serve local installers and build a profitable enterprise.

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Distributed solar PV capacity additions in Brazil 2019-2024, by segment Capacity additions of distributed solar photovoltaic energy in Brazil from 2019 to 2024, by segment (in megawatts)

In Brazil, solar photovoltaic dominates the distributed generation sector, representing 99% of the country's total distributed generation capacity.



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From pv magazine LatAm Although Brazil continues to consolidate its position as a regional solar powerhouse, particularly in distributed generation, 2025 will mark a pause in the country's growth ...

Unlock Brazil's booming Distributed Generation (GD) market. Learn why standard solar modules fail and how to design a product that wins over local installers.

Photovoltaic (PV) adoption within Brazil's distributed generation (DG) framework has expanded significantly following legislative milestones in 2012, 2015, and 2022, emphasizing the financial and ...

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