

Brazil solar distributed solar modules





Overview

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.

How big is solar generating capacity in Brazil?

Compared with distributed solar, utility-scale solar generating capacity at the end of June was only 17.9 GW, according to the Brazilian Electricity Regulatory Agency (ANEEL). As of June 30, 2025, total solar electric generating capacity in Brazil was 23% of the total electric generating capacity.

How many solar power systems are there in Brazil?

As of June 30, 2025, total solar electric generating capacity in Brazil was 23% of the total electric generating capacity. Home and building owners installed more than 3.7 million renewable distributed generation systems in Brazil as of June 30, 2025.

How many solar modules did Brazil import in 2025?

Brazil imported 10.6 GW of solar modules in the first half of 2025, down slightly year over year as developers rushed to secure shipments before an import tax hike, according to Greener.



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[Brazil's Distributed PV Installed Capacity Surpasses 29 GW](#)

The Brazilian Photovoltaic Solar Energy Association (Absolar) recently announced that the installed capacity of distributed photovoltaic (PV) systems in Brazil has surpassed 29 ...

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[Brazil Exceeds 55 GW Installed Solar PV Capacity](#)

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 ...

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Brazil imported 10.6 GW of solar modules in the first half of 2025, down slightly year over year as developers rushed to secure shipments before an import tax hike, according to ...

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[Brazil: Distributed PV Cumulative Capacity to ...](#)

Brazil is projected to reach 40 gigawatts (GW) of distributed solar photovoltaic (PV) capacity by 2025. This growth is being driven by a significant surge in solar installations as consumers and businesses rush ...



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[55GW! Brazil's PV Industry Hits Milestone and Promises ...](#)

PVTIME - Brazil's National Electric Energy Agency (Aneel) recently reported that the country's installed photovoltaic capacity has surpassed 55GW, nearly 25% of its total ...

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Brazil: Distributed PV Cumulative Capacity to Reach 40 GW ...

Brazil is projected to reach 40 gigawatts (GW) of distributed solar photovoltaic (PV) capacity by 2025. This growth is being driven by a significant surge in solar installations ...

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[Brazil's Solar Boom: Distributed Generation Drives 43% of ...](#)

Brazil's electricity generation capacity has surged since 2019, driven largely by distributed solar, which grew from under 1 GW in 2018 to 40 GW by mid-2025--accounting for ...

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Brazil's Distributed Solar Power Surges To 40 GW By



2025 - EIA

Brazil has seen a remarkable transformation in its electricity generation mix, with distributed solar power becoming the fastest-growing source of new capacity. Since 2019, the ...

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[Brazil Exceeds 55 GW Installed Solar PV ...](#)

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 ...

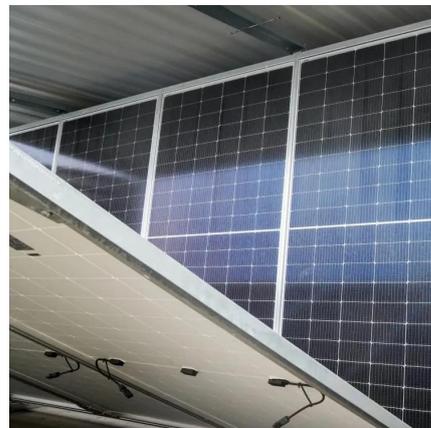
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Distributed solar generating capacity is the fastest-growing ...

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

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Solar PV in Brazil

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 ...

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[Brazil's Solar Boom: Your Guide to Local Module Production](#)



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 ...

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