

Solar photovoltaic panels installed in Brazil





Overview

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). Brazil expects to have 1.2 million solar power generation systems.

In 2016, a factory capable of producing 400 MW of solar panels a year opened in São Paulo, owned by . A plan to build a solar panel.

In 2021, a number of photovoltaic and financial solutions companies expanded their work in Brazil. Companies such as Absolar, Insole, .

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. [1] In 2023, Brazil was the 6th country in the world in terms of installed solar power capacity (37.4 GW). [2]What is the solar PV market size in Brazil?

The cumulative installed capacity for solar PV in Brazil was 23,239.9 MW in 2022. It is expected to achieve a CAGR of more than 11% during 2022-2035. The Brazil solar PV market report offers comprehensive information and understanding of the solar PV market in Brazil.

How much solar PV is installed in Brazil in 2022?

All the vital news, analysis, and commentary curated by our industry experts. The cumulative installed capacity for solar PV in Brazil was 23,239.9 MW in 2022. It is expected to achieve a CAGR of more than 11% during 2022-2035.

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.

What are the deal types in the Brazil solar PV market?



Enquire now and let us help you make an informed decision before making a purchase. The key deal types in the Brazil solar PV market are asset transactions, partnerships, venture financing, acquisition, and private equity among others. In 2022, the solar PV market recorded most of the deals in asset transactions.

What are the major active plants in the Brazil solar PV market?

The major active plants in the Brazil solar PV market are Sol do Setao Solar PV Park, SSM1&2 Solar PV Park, Luzia Solar PV Park, Bon Nome Solar PV Park, and Powertis Pedranopolis I Solar PV Park among others. Sol do Setao Solar PV Park led the solar PV market in Brazil in terms of total capacity contribution in 2023.

Is Brazil a good producer of solar energy?

Just three years ago, Brazil did not feature among the world's top producers of solar energy, but by 2023 it had risen to sixth place in the rankings. The pace of growth has been notable: since 2022, the country has added, on average, roughly one gigawatt of solar capacity every month.



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[Solar Power Plants in Brazil \(Map\)](#)

China is the largest producer of solar power in the world, both in terms of solar panel production and installed solar capacity. According to the International Energy Agency (IEA), China ...

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[Analysis of Satisfaction in the installation of Photovoltaic Solar](#)

Thus, the present work aims to analyze the feasibility and benefits that 2527 investment in photovoltaic solar energy can provide for Brazil.
1.1 Installation of Photovoltaic Solar Panels ...

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[Evaluation of solar photovoltaics on university buildings: A case ...](#)

Renewable energy leads Brazil's energy mix at about 82 % of its total, with solar photovoltaics (PV) now the second largest contribution to the electric power sector. The ...

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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 ...

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[Brazil accelerates in solar PV energy and becomes ...](#)

When analyzing the accumulated installed capacity of solar PV technology between 2021 and 2022, Brazil rose five positions in the world ...

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[Largest Solar Power Stations in Brazil, Photovoltaic Parks in ...](#)

In May 2021, Brazil's total installed solar power was anticipated to be around 9.4 GW, generating roughly 1.46 percent of Brazil's overall energy demand, up from 0.7 percent in 2018. By 2024, ...

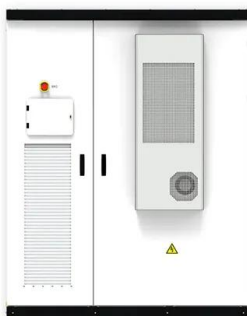
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[Brazil to add 19.2 GW of solar capacity in 2025](#)

Regarding centralized generation, Absolar estimates an average annual capacity of between 3.7 GW and 5.3 GW by 2029. Brazil installed a record 18.9 GW of new solar capacity ...

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[Brazil to add 19.2 GW of solar capacity in 2025](#)

Combining data from Absolar and official projections from the Brazilian Energy Research Corporation (EPE), cumulative installed solar PV capacity in Brazil by 2029 is ...

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[The largest PV plants in Brazil](#)

In 2022, the country's installed solar energy capacity reached 24.08 GW, and this figure is projected to increase as they plan to have a staggering 1.2 million solar photovoltaic ...

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[Solar power is booming in Brazil. Can it be a boom for ...](#)

Bolstered by government support and incentives, the country's solar industry grew quickly to lead the global market: by 2012, it already ...

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[Brazil accelerates in solar PV energy and becomes the eighth ...](#)

When analyzing the accumulated installed capacity of solar PV technology between 2021 and 2022, Brazil rose five positions in the world ranking of photovoltaic source ...

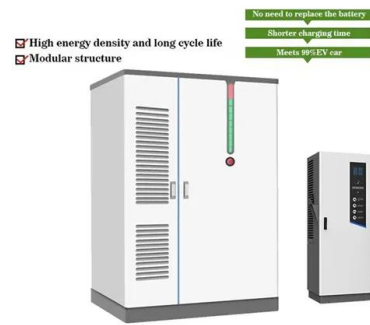
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[Solar power is booming in Brazil. Can it be a boom for all?](#)

Bolstered by government support and incentives, the country's solar industry grew quickly to lead the global market: by 2012, it already produced 40% of the photovoltaic cells ...

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[Solar Energy in Brazil Surpasses 3 Million ...](#)

Brazil recently reached the milestone of 3 million distributed solar generation systems installed, solidifying its position as a global leader in the ...

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Solar PV in Brazil

In 2020, the country's installed solar PV capacity stood at 8.5 gigawatts. By the end of 2024, this had grown to roughly 53 gigawatts. The Brazilian solar sector is experiencing a ...

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Solar energy in Latin America

Utility-scale solar PV installed cost in Latin American countries 2023 Average installed cost for utility-scale solar photovoltaics in selected countries in Latin America in 2023 ...

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[Brazil Solar Photovoltaic \(PV\) Market Size and Trends by Installed](#)

Detailed overview of the country's solar PV market with installed capacity and generation trends, and major active and upcoming solar PV projects.

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[Largest Solar Power Stations in Brazil.](#) [Photovoltaic Parks in Brazil](#)

Here is a list of the largest Brazil PV stations and solar farms. Get to know the projects' power generation capacities in MWp or MWAC, annual power output in GWh, state of location and ...

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[Latin America: utility solar PV costs by country.](#) [Statista](#)

In 2023, the average installed cost of utility-scale photovoltaics in Brazil amounted to 727 U.S. dollars per kilowatt. Other countries in Latin ...

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[Brazil Emerges as Fourth-Largest Solar Market with 18.9 GW](#)

According to ABSOLAR and SolarPower Europe, Brazil added 18.9 GW of solar PV capacity in 2024. The country ranked fourth globally behind China, the United States and India.

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[Largest Solar Power Stations in Brazil . Photovoltaic Parks in Brazil](#)

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Solar power in Brazil

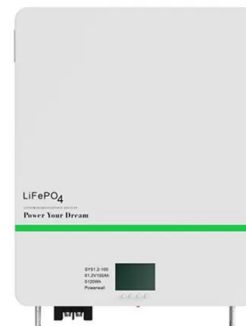
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Brazil needs a competitive and fair industrial policy for the solar PV sector, reducing the prices of components and equipments made in the country and creating more jobs, technology and ...

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[Brazil Solar Photovoltaic \(PV\) Market Size and Trends ...](#)

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[Solar Energy in Brazil Surpasses 3 Million Installations, Boosting](#)

Brazil recently reached the milestone of 3 million distributed solar generation systems installed, solidifying its position as a global leader in the adoption of photovoltaic solar ...

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[Brazil penalizes the import of photovoltaics](#)

The increase in the import tax on photovoltaic solar panels, announced by Brazil in 2023, puts at risk the installation of 18 GW of solar ...

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[Brazil, IN, Solar Panel Installation , Whole Sun Solar](#)

Harnessing solar energy in Brazil, IN, can greatly improve your home's energy efficiency by generating clean, renewable power from the sun. Solar panels convert sunlight into electricity, ...

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[Solar module prices rising in Brazil](#)

Despite global overcapacity, several factors may contribute to a slight increase in solar panel prices in Brazil, with shipping costs and quotas ...

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[Solar Photovoltaic Energy in Brazil ABSOLAR's Infograph](#)

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