



Brazil is blessed with solar radiation resources and has become one of the pioneers in the development of renewable energy in South America. Today, Brazil's distributed installed capacity has surpassed centralized power stations, accounting for 71% of the total installed capacity.



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 exact location on the map, name of developer, year of connection to the electric grid, land size occupied, and other interesting facts.



,000 solar modules, the new large-scale facility is located in the Jaguaretama municipality in Ceara and is capable of generating enough clean electricity to meet the demand of around 350,000 local homes per year.

BRAZIL SOLAR POWER PACK STATION



Listed below are the five largest active solar PV power plants by capacity in Brazil, according to GlobalData's power plants database. GlobalData uses proprietary data and analytics to provide a complete picture of the global solar PV power segment. Buy the latest solar PV plant profiles [here](#).



The total installed solar power in Brazil was estimated at 48.2 GW at October 2024, which consists of about 20.2% 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] Brazil expects to have 1.2 million solar power generation systems in the year 2024. [3]



Read on to examine the current landscape of solar generation in Brazil and how the country is taking steps towards greater photovoltaic capacity in both centralized and distributed generation