

# Brazilian green energy solar site



## Overview

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In Minas Gerais, the Enel Group's Arinos Solar Park is born: a project that is reshaping Brazil's energy landscape, creating jobs and sustainable social value. Brazil is leading one of the largest energy transitions in the world. It is also playing a key role in Brazil's green recovery. Located in Brazil's semiarid region, in the state of Piauí, the São Gonçalo (SGL) solar facility is a. Brazil isn't just embracing solar energy—it's revolutionizing its potential in the global energy sector. The Arinos Solar Park, developed by Enel Green Power, a company of the Enel Group, and operational since early 2025, marks the. Note: Other includes biomass, all other distributed generation, and nuclear. Data for 2025 include systems installed through J. 9 GW at February 2025, which consists of about 21. 9% of the country's electricity matrix.

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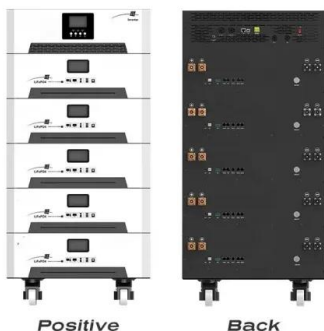


### [Enel Green Power Launches 611-MW Solar Complex in Brazil](#)

Enel Green Power energizes Brazil's future, launching its 611-MW Arinos Solar Complex, a vital leap toward sustainable energy and a greener grid in Latin America.

### [The Arinos Solar Park Redesigns Brazil's Energy Map](#)

The Arinos Solar Park, developed by Enel Green Power, a company of the Enel Group, and operational since early 2025, marks the company's first power generation site of this scale in ...



### [Solar Energy in Brazil: From Opportunity to a 55 GW Reality](#)

Solar energy in Brazil has advanced from promising to pivotal in less than a decade. It is slashing carbon, stabilising a hydro-tilted grid and building entire value chains, from glass and polysilicon to ...

### [São Gonçalo solar project, Brasil, Enel Green Power](#)

Located in Brazil's semiarid region, in the state of Piauí, the São Gonçalo (SGL) solar facility is a record-breaking project consisting of more than 2.2 million solar panels. It is the largest solar plant currently ...



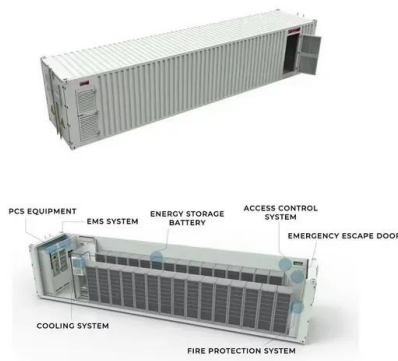
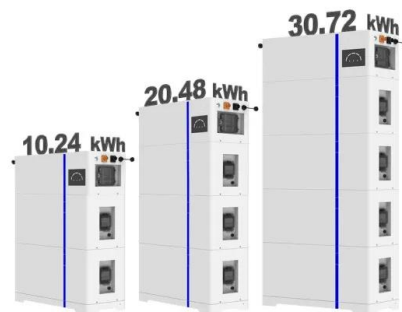
Distributed solar generating capacity is the fastest-growing power

As of J, 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 ...

Top 100 Green Energy Companies in Brazil (2026) . ensun

They offer a digital approach to accessing solar energy with no upfront costs and operate over 50 solar farms in Brazil, highlighting their commitment to sustainability and renewable energy.

**ESS**

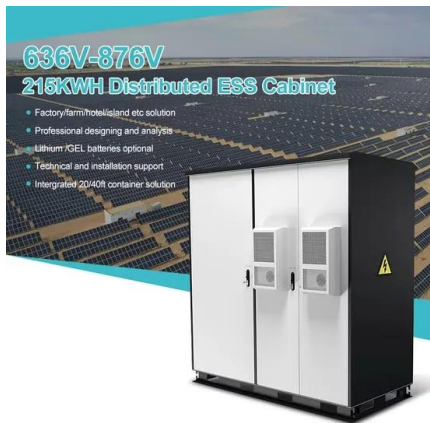


**Solar power in Brazil**

However, to meet energy demands in the entire country, and to diversify its energy portfolio, other renewable energy sources, such as solar power, are being expanded.

## Brazil's Green Energy Transformation

Major players such as Amazon and Microsoft are investing billions into Brazilian data centers powered by clean energy, illustrating Brazil's potential to compete on a global scale against ...



## Brazil accelerates its green shift with clean energy gaining momentum

From January to March, the country installed more than 147,000 new photovoltaic systems, according to Agência Brasil, which allowed the supply of energy to approximately 228,700 ...

## Solar Energy in Brazil: The Next Powerhouse ISES

These records highlight the growing importance of solar energy in Brazil's energy landscape and its potential to soon become a major force in the country's energy transition.



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