

Solar power station in China in Portugal





Overview

Will China & Portugal collaborate on solar energy?

Pedro Amaral Jorge, president of the Portuguese Renewable Energy Association, highlighted the growing cooperation between China and Portugal in the solar energy sector, as Portugal aims to install approximately 8 gigawatts (GW) of solar power by 2026 or 2027 and reach 22 GW by 2030.

Is solar power a growing source of energy in Portugal?

Solar power is a growing source in the Portuguese energy mix. Solar power contributes 6.72 TWh of generation to the Portuguese grid, accounting for 14.5% of total electric power generation as of 2024 with 5.81 GW of installed capacity. Portugal has set a goal of between 8.1 GW and 9.9 GW in installed capacity by 2030.

What is the largest solar power plant in Portugal?

On 9 October 2021, the largest solar power plant in Portugal was inaugurated in Alcoutim. With an installed capacity of 219 MW, the power plant has 661,500 solar panels and can power the needs of 200,000 homes. It occupies an area of 320 hectares and will prevent the emission of 326,000 tons of carbon dioxide every year.

How much does solar power cost in Portugal?

The auction awarded 1.150 MW of solar capacity to various companies, significantly more than the total installed capacity at the time. A 2020 auction saw a price of €11.16 per MWh. Solar power interest is growing exponentially in Portugal.



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[Alentejo hybrid solar plan faces scrutiny over China ties](#)

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[Powering Portugal: How Chint is Leading the Charge in ...](#)

Feb 21, 2025 · A leading Chinese cleantech company, Chint, has secured a EUR420m bank guarantee facility to support the development of 5.5GW of new solar capacity in Portugal. This ...

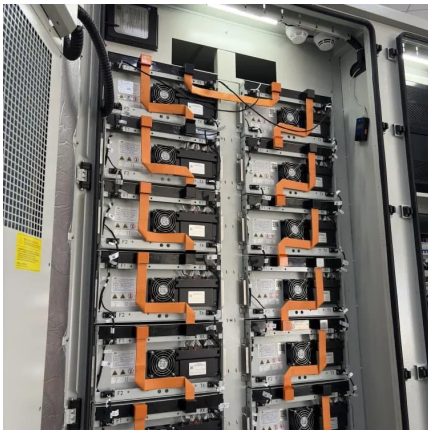
[VP praises energy cooperation on Portugal visit](#)

Oct 12, 2025 · Vice-President Han Zheng has called for stronger cooperation between China and Portugal in the research and development of smart power grid technologies, saying the two ...



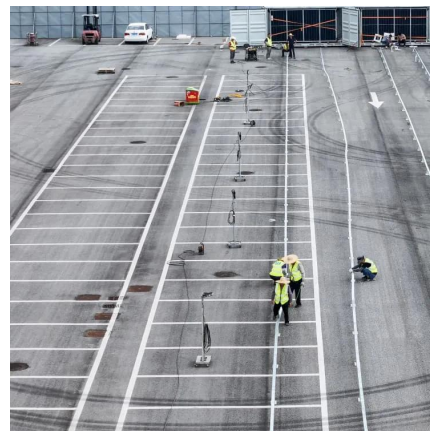
More China-Portugal cooperation in solar energy expected, ...

LISBON, April 23 (Xinhua) -- A Portuguese solar expert highlighted the high quality of China-made solar products and expressed hope for increased Chinese investment in Portugal's solar ...



[Key takeaways from China-EU Solar & Energy Storage ...](#)

Dec 3, 2025 · Speakers at the China-EU Solar & Energy Storage Industries Dialogue 2025 highlighted the growing interdependence between Chinese manufacturing scale and European ...



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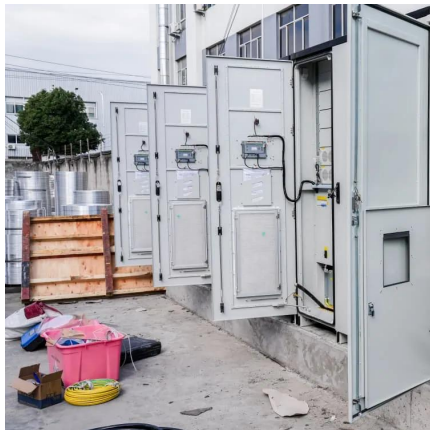
Jul 14, 2025 · China's increasing investments in Portugal's energy sector, particularly through state-owned enterprises like China Three Gorges (CTG) and State Grid Corporation of China, ...





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Dec 18, 2023 · The construction of the Hyperion 150MW Photovoltaic Power Station in Portugal, which was undertaken by China Machinery Engineering Corporation (CMEC), a subsidiary of ...

More China-Portugal cooperation in solar energy expected, ...

Apr 24, 2023 · This aerial photo taken on June 17, 2022 shows a view of floating photovoltaic power station in Lingwu, northwest China's Ningxia Hui Autonomous Region. (Xinhua/Wang ...



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