

Solar panels for Gobi solar power generation





Overview

Why is the Gobi Desert a great place for solar power?

This intense dryness, as well as the abundant sunlight of more than 3,000 hours a year, make the Gobi Desert an excellent environment for large-scale solar power generation. The incredible solar-thermal power station reportedly features two 656-feet-high (200 meters) towers, each surrounded by a vast field of 27,000 mirrors known as heliostats.

What is the Gobi desert plant?

This Gobi Desert plant represents a major engineering and technological achievement, combining innovative design, energy storage, and efficiency improvements. It shows how solar thermal power can complement other forms of renewable energy and play a crucial role in providing continuous electricity.

How much precipitation does the Gobi Desert get a year?

It receives an average of two to eight inches of annual precipitation, with some areas receiving less than two inches per year. This intense dryness, as well as the abundant sunlight of more than 3,000 hours a year, make the Gobi Desert an excellent environment for large-scale solar power generation.

Will China's new solar power plant change the way solar energy is produced?

Last updated on October 9, 2025 China has just turned on a world-first solar thermal power plant in the Gobi Desert, a move that could change the way solar energy is produced. This new plant is designed to be cheaper and more efficient than traditional solar thermal power stations, making it a major step forward for renewable energy.



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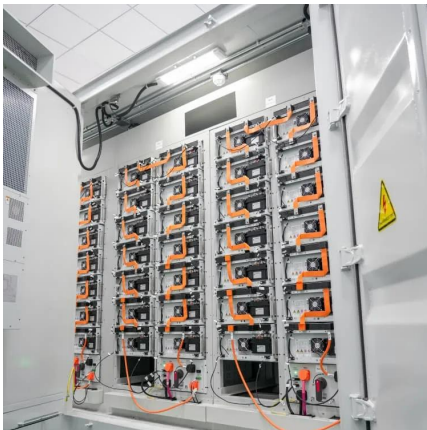
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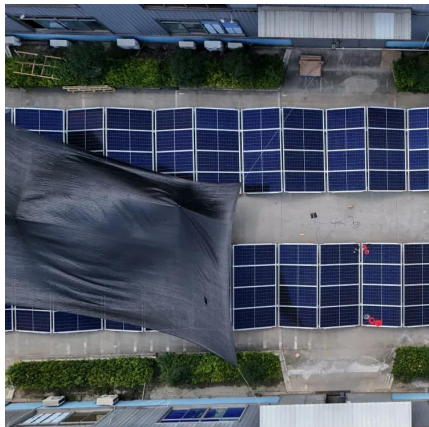
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