

# Solar Glass Desert





## Overview

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Can solar panels be installed in the desert?

Installing panels in the desert requires the regular removal of dust, which can accumulate to several centimeters thick, said Wang Zhijun, head of the desertification control project of the photovoltaic company. The vegetation beneath the panels also needs water. Researchers have found that the desert holds significant underground water resources.

Does covering a desert with solar panels change the ecosystem?

China has confirmed that covering a desert with solar panels changes the ecosystem. For good China has confirmed that covering a desert with solar panels changes the ecosystem. For good.

How do solar panels affect life in the desert?

The constant shade provided by the panels creates a microclimate that is more conducive to life, reducing temperature extremes and evaporation rates. The altered energy distribution at the desert's surface, caused by the solar panels, has created conditions that are surprisingly favorable for life.

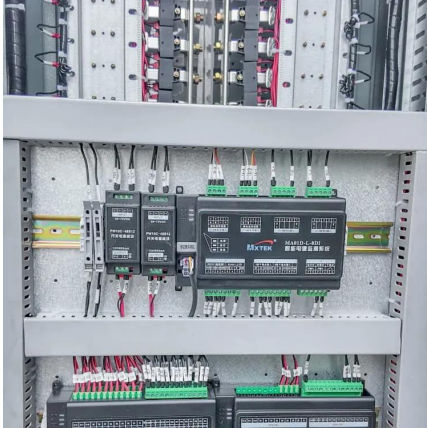
Can photovoltaic power help clean Xinjiang's desert plants?

In Shaya County, Aksu Prefecture, northwest China's Xinjiang Uygur Autonomous Region, a photovoltaic company has figured out a way to collect water with photovoltaic power, which will help clean the photovoltaic panels and nurture the desert plants.



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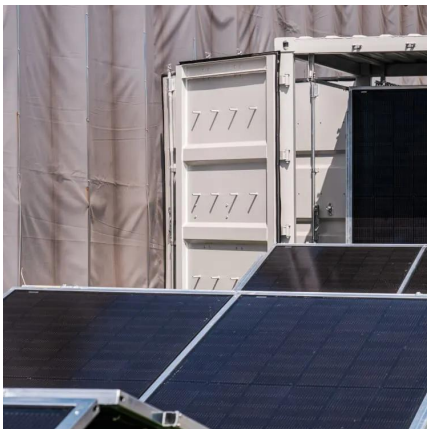
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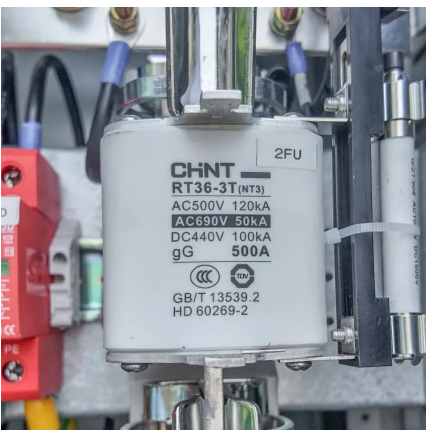
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