

Has the inverter of Venezuelan solar container communication station been restored to the grid





Overview

Where are solar inverters made?

These inverters, which are necessary for connecting solar panels and wind turbines to the grid, are primarily made in China, and they usually provide remote access for maintenance.

Are hidden cellular radios a threat to the power grid?

However, the recent findings show that some contain unauthorized components, like the hidden cellular radios that can bypass firewalls and control the devices from a distance abroad. Experts warn that these rogue devices may allow malicious actors to interfere with, or even shut down, important elements of the power grid.

Are Chinese inverters a threat to the supply chain?

Although the presence of the devices has not been formally recognized, U.S. agencies are re-evaluating the vulnerabilities of the supply chain in light of the increasing tensions with China. Chinese inverters from top manufacturers have taken over the world's markets; Huawei, Sungrow, and Ginlong Solis are among them.

Who makes Chinese inverters?

Chinese inverters from top manufacturers have taken over the world's markets; Huawei, Sungrow, and Ginlong Solis are among them. Huawei accounted for 29% of the inverters that were sold in the world in 2022. While it left the U.S. market in 2019, its equipment is used in many places.



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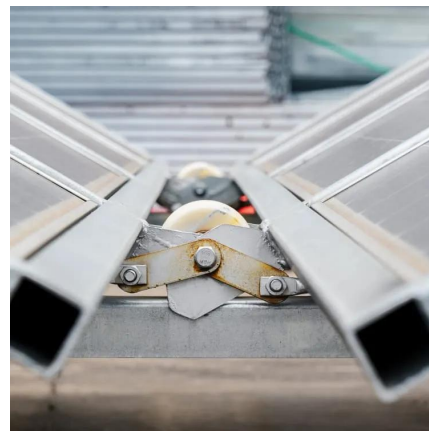
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