

The first company to connect the inverter of solar container communication station to the grid





Overview

Are Chinese solar power inverters connected to critical infrastructure grids?

U.S. energy officials have launched an investigation after discovering unauthorized communication equipment embedded within Chinese-manufactured solar power inverters connected to critical infrastructure grids across the country.

How do inverters provide grid services?

In order to provide grid services, inverters need to have sources of power that they can control. This could be either generation, such as a solar panel that is currently producing electricity, or storage, like a battery system that can be used to provide power that was previously stored.

Do solar inverters contain undocumented cellular radio devices?

These inverters, which are essential components that convert direct current from solar panels into alternating current usable by the electrical grid, were found to contain undocumented cellular radio devices not disclosed in product specifications or technical documentation.

What are hidden communication devices in solar energy equipment?

U.S. energy officials have discovered hidden communication devices in solar energy equipment supplied from China. These are primarily inverters used to connect solar panels and wind turbines to power grids, as well as batteries, heat pumps, and chargers for electric vehicles.



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National security operatives have found communication devices embedded within Chinese-manufactured solar power inverters and batteries, again ...

Ghost in the machine? Rogue communication devices found ...

May 14, 2025 · The rogue components in these power inverters provide additional, undocumented communication channels that could allow firewalls to be circumvented remotely, with ...

U.S. Authorities Investigate Communication Devices in Solar Power Inverters

May 15, 2025 · U.S. energy officials have intensified scrutiny of Chinese-manufactured components in renewable energy infrastructure after the identification of undocumented ...

Ghost in the machine? Rogue communication devices found ...

4 days ago · While inverters are built to allow remote access for updates and maintenance, the utility companies that use them typically install firewalls to prevent direct communication back ...

U.S. officials Investigating Rogue ...

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Ghost communication tech discovered in Chinese-made inverters...

May 14, 2025 · US officials uncover rogue communication devices in Chinese-made inverters and batteries used in critical energy infrastructure. Experts warn these hidden components could ...

Solar Integration: Inverters and Grid Services Basics

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Undocumented Communication Components Discovered In Chinese Inverters

Nov 14, 2025 · Undocumented communication devices have been discovered inside solar inverters and batteries manufactured in China, according to two sources familiar with the ...

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