



# Are the solar-powered communication cabinet inverters owned by the government

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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.

Is there a secret radio in a solar inverter?

Every solar panel and battery connected to the U.S. energy grid relies on a device few people ever consider: the power inverter. In May of 2025, U.S. experts found undocumented communication modules and secret radios embedded in some Chinese-manufactured solar inverters and battery systems.

Are Chinese power inverters being used on solar panels?

U.S. officials have discovered undisclosed communication devices on Chinese-made power inverters that were being used on solar panels, Reuters reported today based on anonymous sources within the federal government. The inverters are devices separate from power sources like solar arrays or batteries.

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.

The report cites US energy officials and warns that comms devices--including cellular radios--have been found in solar inverters, which are used to connect solar panels to ...

Over the past nine months, undocumented communication devices, including cellular radios, have also been found in some batteries from multiple Chinese suppliers, one of ...



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Security experts analyzing grid-connected equipment have identified unauthorized communication devices that are absent from product specifications within certain Chinese ...

Power inverters, which are predominantly produced in China, are used throughout the world to connect solar panels and wind turbines to electricity grids. They are also found in ...

However, rogue communication devices not listed in product documents have been found in some Chinese solar power inverters by U.S experts who strip down equipment ...

Using the rogue communication devices to skirt firewalls and switch off inverters remotely, or change their settings, could destabilise power grids, damage energy ...

**Threats and Vulnerabilities** The primary threat identified is the presence of rogue communication devices in Chinese-manufactured solar power inverters and batteries. These ...

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

Power inverters, which are predominantly produced in China, are used throughout the world to connect solar panels and wind turbines to electricity grids. They are also found in batteries, ...

U.S. energy officials have launched an investigation after discovering unauthorized communication equipment embedded within Chinese-manufactured solar power inverters ...

These communication capabilities are disclosed in what's called a software bill of materials - a listing of the components that comprise the inverter package. The ...

Solar panels are arrayed on Earth Day in Northfield, Massachusetts, on April 22, 2022. REUTERS REUTERS United States energy officials are reassessing the risk posed by ...

Over the past nine months, U.S. experts have identified these undocumented devices in solar power inverters and batteries from multiple Chinese suppliers during detailed ...

In November, a commercial dispute between two inverter suppliers - Sol-Ark and Deye - led to solar power inverters in the US and elsewhere being disabled from China, ...

In November, solar power inverters in the US and other places were shut down from China, highlighting the



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risk of foreign influence on local ...

U.S. energy officials are reportedly reassessing the security risks posed by Chinese-made components in renewable energy infrastructure after discovering hidden ...

In November, the Lithuanian government passed a law blocking remote Chinese access to solar, wind and battery installations above 100 kilowatts - by default restricting the ...

Often described as the "brain" of solar systems, these devices manage power output and grid communication. U.S. officials found communication modules in some Chinese ...

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