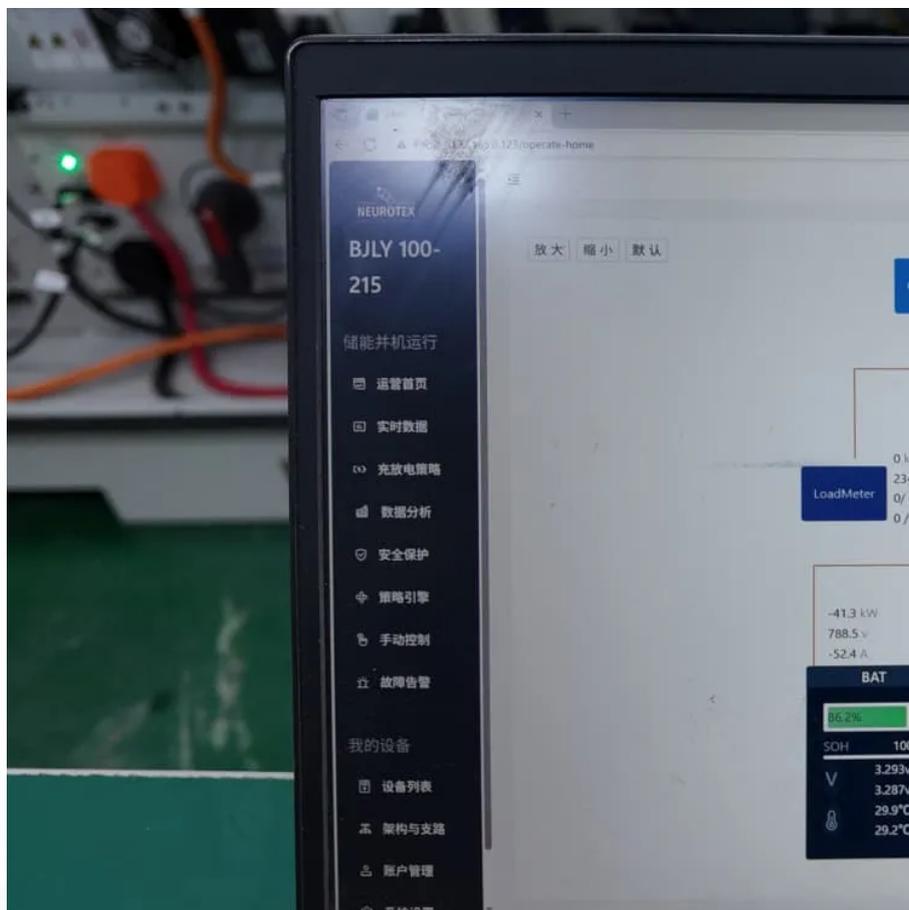


# Solar inverter communication device





## Overview

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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.

How do solar inverters work?

The inverters are part of the hardware package connecting solar arrays to the power grid. The package includes communication devices so technicians can monitor performance and have remote access for maintenance. These devices are disclosed in what's called a software bill of materials – a listing of the components that comprise the package.

Are Chinese solar inverters connected to the power grid?

U.S. officials have discovered undisclosed communication devices on the power inverters of some Chinese-manufactured solar panels, Reuters reported today based on anonymous sources within the federal government. The inverters are part of the hardware package connecting solar arrays to the power grid.

How many rogue communication devices were found in Chinese solar inverters?

The number of devices investigated was also not disclosed. This follows discovery of rogue communication devices not listed in product documents in some Chinese solar inverters, according to Reuters. The devices were reportedly found over a period of nine months and include communication devices such as cellular radios.



## Solar inverter communication device

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### Rogue Communication Devices Found In Chinese Inverters

May 14, 2025 · U.S. energy officials are quietly exploring a potentially major national security threat: unrecorded communication devices built into Chinese-made inverters and batteries that ...

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### Rogue Communication Devices Found In ...

May 14, 2025 · U.S. energy officials are quietly exploring a potentially major national security threat: unrecorded communication devices built into ...

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### Hidden devices found in Chinese-made ...

May 14, 2025 · The number of devices investigated was also not disclosed. This follows discovery of rogue communication devices not listed in ...

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### Hidden communication devices found in solar ...

May 16, 2025 · U.S. energy officials have discovered hidden communication devices in solar energy equipment supplied from China. These are ...

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### U.S. officials Investigating Rogue Communication Devices in Solar ...

May 15, 2025 · U.S. energy officials have launched an investigation after discovering unauthorized communication equipment embedded within Chinese-manufactured solar power inverters ...

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### Rogue communication devices found in Chinese solar power inverters

May 15, 2025 · 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 ...

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### Hidden devices found in Chinese-made inverters in the U.S., ...

May 14, 2025 · The number of devices investigated was also not disclosed. This follows discovery of rogue communication devices not listed in product documents in some Chinese solar ...

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### 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 ...

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### U.S. discovers illegal devices in Chinese solar inverters, ...

May 16, 2025 · An unidentified illegal communication device has been found in Chinese solar inverters, prompting U.S. energy authorities to reevaluate security risks for renewable energy ...

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### Rogue Communication Devices Found in Chinese Solar Power Inverters



May 16, 2025 · Using the rogue communication devices to skirt firewalls and switch off inverters remotely, or change their settings, could destabilize power grids, damage energy ...

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Unmasking the Danger: Rogue Communication Devices ...

May 14, 2025 · Reuters reports the discovery of rogue communication devices embedded in Chinese-made solar power inverters, raising concerns over potential security risks and data ...

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'Rogue' communication devices found on ...

May 15, 2025 · 'Rogue' communication devices found on Chinese-made solar power inverters  
The devices could give adversaries a way to disable ...

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'Rogue' communication devices found on Chinese-made solar power inverters

May 15, 2025 · 'Rogue' communication devices found on Chinese-made solar power inverters  
The devices could give adversaries a way to disable power grids, damage energy infrastructure ...

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Hidden communication devices found in solar inverters from ...

May 16, 2025 · U.S. energy officials have discovered hidden communication devices in solar energy equipment supplied from China. These are primarily inverters used to connect solar ...

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U.S. officials Investigating Rogue ...

May 15, 2025 · U.S. energy officials have launched an investigation after discovering unauthorized communication equipment embedded within ...

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