

**PIENAAR ENERGY (PTY) LTD**

# **Is it safe under the wind turbine of the solar-powered communication cabinet**



## Overview

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Tech experts warn the use of rogue devices gives China the capability to operate the equipment remotely and potentially sabotage the United States and other countries power grids. Energy officials are reportedly reassessing the security risks posed by Chinese-made components in renewable energy infrastructure after discovering hidden communication devices inside certain solar inverters. Power inverters can be found in solar panels and wind turbines that are connected to the electricity grid as well as batteries, heat pumps, and electric vehicle chargers. The piece provides real-world attack scenarios from a business owner's perspective, analyzes the broader.

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### US issues solar panel spy warning

US officials have warned that solar-powered highway infrastructure could contain hidden spy devices.

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### Solar Powered Emergency Call Boxes: Reliable Communication ...

In today's world, reliable communication during emergencies is not optional -- it's mission-critical. Whether on a highway, at a university campus, or deep inside a national park, ...

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|                                     |   |
|-------------------------------------|---|
| LiFePO <sub>4</sub> Battery, safety |  |
| Wide temperature: -20~55°C          |   |
| Modular design, easy to expand      |   |
| Wall-Mounted&Floor-Mounted          |   |
| Intelligent BMS                     |   |
| Cycle Life: > 4000                  |   |
| Warranty: 10 years                  |   |



### The Hidden Threat: How Rogue Communication Devices in Solar ...

This investigative article exposes the discovery of undocumented communication devices hidden in Chinese-made solar inverters, creating unprecedented vulnerabilities in global power grids.

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## Rogue Chinese comm devices found in US solar panels, wind turbines...

The investigation follows the discovery of mysterious communication devices inside some solar panels and wind turbines used in electrical grids. Two sources familiar with the matter, ...



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## US energy sector at risk, as Chinese inverters are under investigation

U.S. experts have allegedly found rogue communication devices, including cellular radios, in Chinese-made solar inverters and batteries over the past nine months.

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## Outdoor Communication Energy Cabinet With Wind Turbine

Suitable for off-grid locations and regions with high electricity costs where station construction is needed. Can be used in both grid-connected and off-grid scenarios, particularly in areas where grid electricity ...



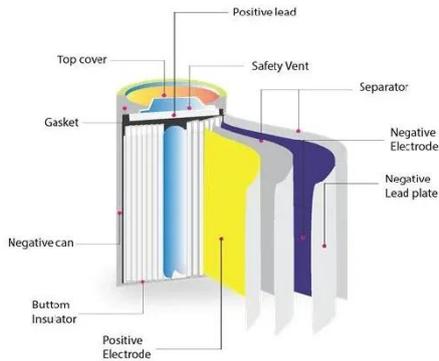
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## Beware the "rogue"

## communication devices"

The biggest threat to solar inverter security is the software that uses the advertised communication hardware. As demonstrated by Deye when I wrote about them in November, any ...

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## Rogue communication devices found in Chinese solar power inverters

LONDON, May 14 (Reuters) - U.S. energy officials are reassessing the risk posed by Chinese-made devices that play a critical role in renewable energy infrastructure after unexplained

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## US uncovers hidden radios in Chinese solar inverters, sparks alarm

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

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