

Are the photovoltaic panels damaged when unpacked



Overview

Despite their durability, panels are vulnerable to damage in transit, with breakage rates of 1-2% (some companies cite upwards of 7% breakage rates). If your modules are damaged on arrival, notify the driver immediately, notify carrier and LONGi staff within 24 hours of delivery, and provide a record with detailed information within 48 hours of delivery. See claims and warranties for full details. Always insert the fork from the short side of. Clean Energy Associates (CEA) is receiving more calls from solar developers concerned about warehouse panel damage. CEA's Senior Engineering Manager Claire Kearns McCoy explains how improper handling, stacking, and storage conditions can lead to long-term issues.

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[PV Module Unpacking, Handling and Storing Guide](#)

This guide serves as a reference for inspecting, transporting, unpacking, handling and storing LONGi PV solar modules to ensure safe practices for you and the modules.

[Broken Solar Panels? You're Not Alone.](#)

A recent Solar Power World article discusses the challenges of protecting solar panels during shipping, handling, and storage. Despite their durability, panels are vulnerable to damage in ...



[Long-term issues found in warehoused solar panels - pv magazine USA](#)

Uncapped PV connectors are especially vulnerable. Prolonged sun exposure can weaken packaging materials, making modules more vulnerable to contamination or breakage.



[Photovoltaic packaging unpacking broken panels](#)

A solar panel's first line of defence against the harsh environment is the packaging. Even high-quality solar panels packaged in weak cardboard boxes can lead to



Packaging Datasheet1

The long side of the module to unpacked needs to be close to a solid support for about 15-20cm distance, the support could be a wall, rack or another unpacked module box of the same type, and ...



[Photovoltaic Panel Unpacking: The Do's, Don'ts, and "Wait, Seriously"](#)

Modern photovoltaic modules are tougher than your gym-obsessed neighbor, but they've got Achilles' heels. A 2023 NREL study found 12% of solar panel failures trace back to improper unpacking and ...



[Unloading Handling & Storage Manual](#)

This manual provides comprehensive guidelines for the safe and efficient Unloading and storage of solar photovoltaic (PV) modules manufactured and supplied by JAKSON Engineers Limited.



Storing Up Panel Problems

One of the biggest risks from outdoor storage is moisture exposure. Humidity, rain, or condensation can seep into packaging, leading to corrosion and water damage. Uncapped PV ...



[Storing up panel problems - pv magazine International](#)

Moving solar panels exposes them to damage and, while there is no suggestion of mishandling in the image above, panels which are frequently moved, in a warehouse, face greater risk.

[Best practices for handling, unpacking and storing large-format solar](#)

If it's discovered that the modules are damaged, best practices would recommend that the driver be informed immediately, as well as the carrier and module company staff within 24 hours of ...



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