

# How to check for damage to photovoltaic panels

Source: <https://www.esafet.co.za/Fri-05-Nov-2021-19191.html>

Title: How to check for damage to photovoltaic panels

Generated on: 2026-02-27 14:14:25

Copyright (C) 2026 ESAFETY SOLAR CONTAINER. All rights reserved.

---

To determine if solar panels are defective, examine the following indicators: 1. Lack of power generation, 2. Physical damage, 3. Monitoring system alerts, 4. Inconsistent performance.

How do I know if my solar panels are damaged? Check for visible cracks, reduced energy output, hot spots, discoloration, or system error messages indicating potential damage.

Solar panel fault-finding guide including examples and how to inspect and troubleshoot poorly performing solar systems. Common issues include solar cells shaded by dirt, leaves or mould.

Examine panel surfaces for cracks, discoloration, or delamination. Small cracks can expand over time, allowing moisture infiltration that damages internal components. Hot spots appear ...

Learn how to inspect solar panels for damage with this detailed guide. From visual checks for cracks and corrosion to testing electrical connections with tools like multimeters and thermal cameras, ensure ...

Regular solar panel checks help maintain efficiency and prevent costly repairs. Learn how to inspect your solar panels for damage and ensure optimal performance.

Responsible persons can therefore recognize immediately if the yield drops because something is wrong with the system. We will be happy to explain to you how a photovoltaic system ...

Learn how to test solar panels and troubleshoot common problems like faulty panels, poor wiring, and inverter issues.

Website: <https://www.esafet.co.za>

