

Rainbow spots appear on photovoltaic panels

Hot spots, one of the most common issues with solar systems, occur when areas on a solar panel become overloaded and reach high temperatures relative to the rest of ...

In photovoltaic (PV) systems, hotspots are localized regions on a solar module where temperature rises significantly above the nominal operating cell temperature (NOCT). This occurs when individual cells ...

Discover the impact of hot spots on solar panels. Learn the causes, effects, and solutions to optimize solar panel performance.

Solar panel defects are very rare, but they still might happen. Learn about the most common defects panels have, and where they come from.

Compared to heavy rain or high temperatures, hot spots caused by pollution and shading are more subtle and often overlooked. While they may not cause immediate damage, they gradually ...

The rainbow effect on solar panels, often known as "snail trails," is a cosmetic defect where patterns resembling trails or rainbow-like discoloration appear on the panel surface.

Hot spots can significantly impact the performance and longevity of solar panels, leading to decreased energy production and potential damage to the panels themselves. Understanding the causes and ...

Explore the intricacies of hotspots in solar panels. Uncover the causes, consequences, and preventive measures for optimal solar energy system performance.

Discover the causes and effects of solar panel discoloration, and learn preventative measures to maintain your solar panel's efficiency.

In this blog, we will explore the 10 most common solar panel defects from micro-cracks and hot spots to issues like delamination and PID (Potential Induced Degradation).



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