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The latest standards for solar panels



Overview

What are some critical standards for solar panels?

The table below lists some critical standards: IEC 61215 is one of the most referenced IEC standards for solar panel systems. It focuses on the performance and quality of crystalline silicon PV modules. It includes accelerated stress testing that simulates 20-25 years of real-world use.

What are IEC standards for solar panels?

For solar installations, these standards cover the design, installation, testing, and maintenance of photovoltaic (PV) systems. Adhering to IEC standards for solar panel installation ensures better system performance and reduces risks of fire, electric shock, and failure.

Do solar panels meet the new IEC 61215 2021 standards?

From 1 October 2024, solar panels must meet the new IEC 61215:2021 standard to be listed on the Clean Energy Council's list of approved photovoltaic (PV) modules and be eligible for the Federal Government's small-scale technology certificates (STCs). Here's what you need to know about the change. Understanding standards changes.

When will solar modules become approved?

Since August 2023, the Clean Energy Council has been notifying the industry of the standards change to approved PV modules. From 1 April 2025, all new solar installations must use modules that meet 2021 standards (IEC 61215:2021) to be eligible for small-scale technology certificates (STCs).

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Clean Energy Council Product Manager Aron Cane explains updates to the IEC 61215 standards and how they will impact solar PV ...

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The safe and reliable installation of photovoltaic (PV) solar energy systems and their integration with the nation's electric grid ...

Investing in solar panel certifications and standards ensures safety and quality, but understanding their true significance can significantly impact your system's performance.

Visit our website and read more about Australian Solar Standard (AS/NZS 5033) revised to support growing solar industry.

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