

Complete guide to solar modules: types, efficiency ratings, selection criteria, and 2025 technology updates. Expert insights for informed decisions.

In this blog, we'll explore the latest advancements like TOPCon solar technology, Mono PERC panels, bifacial solar panels, and 625W solar modules, all setting new benchmarks in efficiency and sustainability.

Installed capacity surged to a new high with 597 GW added worldwide, a 33% jump over 2023. From advanced materials like perovskite-silicon tandems to smart, AI-driven power systems, the latest solar ...

Perovskites absorb different wavelengths of light from those absorbed by silicon cells, which account for 95% of the solar market today. When silicon and perovskites work together in tandem...

Solar panel technology in 2026 is advancing fast with tandem cells, bifacial panels, smart systems, and higher efficiency designs.

We explore the nine most exciting developments in the solar industry in 2025, from indoor solar panels to "two-for-one" fission.

Solar technology is evolving quickly. Our 2025 guide explains the latest advances like TOPCon, HJT, and back contact panels. Learn how each performs in efficiency, durability, and real-world applications.

Over the last few years, there has been an explosion in new solar technology, with next-generation panels featuring a variety of advanced PV cell designs and innovations that help boost efficiency, ...

Using advanced materials like transparent luminescent solar concentrators (TLSCs) or semi-transparent perovskite cells, this new solar panel technology allows surfaces such as windows, facades, and ...

Everyone wants high-efficiency solar modules that generate more power in less space, and new solar cell designs are making this possible. Some of the most exciting developments include: Tandem Solar ...

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