

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, ...

In November 2023, a buzzy solar technology broke yet another world record for efficiency. The previous record had existed for only about five months--and it likely won't be long before it too is...

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

New ultra-thin solar films can now be applied to virtually any surface, turning windows, roof tiles, and even car surfaces into power-generating assets. This versatility, combined with ...

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 ...

Below is our list of panels featuring the latest advancements in PV technology rated according to the cell technology, efficiency improvements, performance, and innovations.

To buy the best solar panels, be sure to compare prices, warranties, and efficiencies of different solar panel manufacturers. Here are the top 20 brands for 2026.

Independent testing reveals the top solar panel brands for 2025. Compare efficiency, warranties, and real-world performance from industry experts.

What's the latest solar panel technology in 2025? Remarkable advancements in materials, design and efficiency are shaping the solar industry this year. Here are the top nine solar panel ...

Explore the latest solar panel technology, new solar panel technology, and solar energy technology trends improving efficiency.

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