

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

Discover the innovative solar energy trends shaping 2025 and beyond. Explore advancements in solar technology and solutions driving a sustainable future for solar power.

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, ...

As of the first quarter of 2025, the U.S. residential solar segment has added about 1,106 MWdc, bringing cumulative domestic solar power capacity to around 239 GW-- enough to power ...

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

Discover the latest innovations and trends shaping the future of solar energy innovations, from advanced photovoltaic technologies to energy storage solutions and sustainable power systems.

With global climate targets tightening and the demand for clean power skyrocketing, solar panel technology has undergone a major transformation in recent years.

Current commercially available solar panels convert about 20-22% of sunlight into electrical power. However, new research published in Nature has shown that future solar panels ...

In this article, we are going to explore how the innovations in solar technology are creating new opportunities for reducing energy costs, boosting energy independence, and contributing to a ...

This article delves into the latest trends in solar energy, highlighting energy storage systems that bring the reliability and efficiency of solar power integration.

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