

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 could reach...

Among them are new materials, new ways of building solar panels, and new places to put them. Let's look at some of the recent advancements, why they matter, and how long it will take for them to have an impact on ...

We examine the latest solar panels and explain how advanced PV cell technologies help improve performance and efficiency, plus we highlight the most advanced panels from the leading manufacturers.

We are here to bring you the latest solar news, progress and innovations, and everything else that you need to and want to know about the solar industry.

High-efficiency monocrystalline panels featuring PERC technology are widely available now, while bifacial solar panels are becoming increasingly accessible for home installation, ...

This article explores recent advancements in solar panel technology, policies encouraging adoption, leading states, and prospects for solar energy in the US by 2025.

Gone are the days of solar panel companies advertising a dozen different panel types -- from 60-cell to 72-cell options and an all-black panel or one with (gasp) no busbars -- and offerings are more ...

Today, the latest solar panel technology advancements have led to panels achieving conversion efficiencies of over 20%, with some even reaching 25%. This means that solar PV systems can now convert ...

High-efficiency monocrystalline panels featuring PERC technology are widely available now, while bifacial solar panels are becoming increasingly accessible for home installation, particularly for ground ...

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 technologies that ...

Latest news on the solar energy and photovoltaics industry in the USA: installations, manufacturing, markets & policy, and technology.

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