

Latest solar panels for power generation and heating

With the rise of flexible solar panels in 2025, energy can now go where traditional panels couldn't. Using organic photovoltaics and ultra-thin silicon, researchers have created solar sheets that are light, ...

Solar panel technology advances include greater solar cell efficiency and the use of new and more abundant solar panel materials.

Residential solar marketplace provider EnergySage released a review of top solar panel brands for the U.S. market.

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

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 ...

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

Discover 2025's latest solar panel tech, from perovskite tandems to bifacial panels, and what's next for solar energy.

We've rounded up the top five best solar panels, so stay tuned to compare your options and choose the top solar company for your system.

Consumer Reports tested 10 models of solar panels, looking to see which models delivered the power as promised and still managed to generate energy in high-temperature and low ...

Electricity generation by the U.S. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025. In our latest Short-Term Energy Outlook (STEO), we expect U.S. ...

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