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Solar technology is getting a major upgrade. Several breakthroughs are moving from laboratories to your rooftop. Want to make smart decisions about solar?

Solar technology is getting a major upgrade. Several breakthroughs are moving from laboratories to your rooftop.

Solar photovoltaic (PV) technology has emerged as a key renewable energy solution, yet its widespread adoption faces several technical and economic challenges.

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 ...

Solar photovoltaic (PV) installations have grown exponentially over the years attributed to continuous technological progress resulting in increased efficacy, cost savings, ...

Discover cutting-edge solar PV module innovations of 2025 including perovskite, TOPCon, HJT, bifacial, and IoT-integrated panels.

To reap the benefits of this demand trend, America's largest solar module manufacturer, First Solar Inc. FSLR brought forth its CuRe program, which is focused on ...

Alphabet has announced a definitive agreement to acquire data centre and energy infrastructure solutions provider Intersect for US\$4.75 billion in cash. PV Tech spoke to Uri ...

To reap the benefits of this demand trend, America's largest solar module manufacturer, First Solar Inc. FSLR brought forth its CuRe ...

In this article, we explore the key trends reshaping the solar power system landscape in 2025, including advancements that affect photovoltaic panels price, ...

Conducting research on PV cell and module design aims to deliver technologies that drive down the costs of solar electricity by improving PV efficiency and lowering manufacturing costs while ...

These advances are making solar technology more powerful, affordable, and versatile, accelerating the adoption of solar energy technology across residential, commercial, ...

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