

Title: Perovskite solar ultra-thin glass

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Learn about Japan's \$1.5B initiative to commercialize ultra-thin, flexible perovskite solar cells and how it could transform the solar landscape globally.

Organometal halide perovskite solar cells (PSCs) have emerged as promising candidates for next-generation thin-film solar cells. Over the past ten years, the efficiency of PSCs has ...

The demonstration of these high conversion efficiencies, as well as their seamless integration as small power sources in a variety of devices and products, can produce ...

In this work, we address these issues by employing ultrathin glass (UTG) substrates, which provide moisture impermeability while retaining flexibility. Additionally, we introduce a ...

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