Photovoltaic panels LONGi and photosynthetic silicon energy

DOE supports crystalline silicon photovoltaic (PV) research and development efforts that lead to market-ready technologies.

A two-terminal crystalline silicon-perovskite tandem solar cell, developed by Longi, achieved a conversion efficiency of 34.85%.

Chinese solar technology giant Longi Green Energy Technology Co Ltd announced two new world records for solar cell efficiency recently, further cementing China"s leading position in the ...

Chinese solar manufacturer Longi unveiled a new PV module with 25.9% efficiency at the 2025 SNEC trade show this week in Shanghai, produced using both low- and high-temperature ...

LONGi"s technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy transition. By offering high-quality, reliable ...

On November 10, 2025, Nature online published significant progress in silicon-based tandem solar cell research by a team jointly formed by LONGi, Soochow University, Xi"an Jiaotong University, and ...

LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as "LONGi"), a China-based solar technology company, recently published a research paper titled Perovskite-silicon tandem...

LONGi"s crystalline silicon-perovskite tandem solar cell achieved 33% efficiency on an ultra-large area of 260.9 cm² through material innovation and structural optimization.

(Yicai) June 20 -- The M6 size wafer-level silicon-perovskite tandem solar cell that Chinese photovoltaic giant Longi Green Energy Technology unveiled at the Intersolar Europe 2024 exhibition in Munich ...

A group of scientists from Chinese solar module maker Longi has described in a new scientific paper the 27.81%-efficient hybrid interdigitated back-contact (HIBC) solar cell it unveiled in...

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