

# Longi perovskite photovoltaic panel testing



## Overview

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Longi said today at the SNEC tradeshow in Shanghai, China, that it has achieved a power conversion efficiency of 34.6% for a perovskite-silicon tandem solar cell. The European Solar Test Installation (ESTI) has certified the results, which represent a world record for this cell. According to authoritative certification by the European Solar Test Installation (ESTI), one of the world's leading photovoltaic (PV) calibration laboratories, this cell's photovoltaic conversion efficiency has reached 34.6%. Add us as a Google Preferred Source to see more of our articles in your search results. A tandem solar cell uses stacked layers of. [Image above] Chinese manufacturer LONGi currently holds the world record for perovskite-tandem solar cell efficiency, achieving 34.6%. It also used a new type of self-assembled monolayer that reportedly reduces non-radiative recombination and increases.

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### [Longi claims 34.6% efficiency for perovskite-silicon tandem solar cell](#)

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### [LONGi announces 34.6% efficiency record for its perovskite-silicon](#)

Reports suggest that LONGi has announced that it has reached 34.6% efficiency for a perovskite-silicon tandem solar cell, at the SNEC tradeshow in Shanghai, China. The European ...



### [Perovskite solar cells: Progress continues in efficiency, durability](#)

As of June 2024, Chinese manufacturer LONGi holds the world record for perovskite-tandem solar cell efficiency, achieving 34.6% efficiency with a two-terminal device.

### [China's Longi Applies for Perovskite Solar Cell Patent](#)

(Yicai) Feb. 9 -- Chinese solar panel giant Longi Green Energy Technology has applied for a patent for a perovskite solar cell technology used for laminating photovoltaic panels, according to the China ...



[Solar companies compete to advance tandem cell technology](#)

Companies like Qcells, Trinasolar and LONGi are betting on perovskite and silicon tandem technology and achieving recent breakthroughs in stability and efficiency.



[Longi achieves 34.85% efficiency for two-terminal tandem perovskite](#)

Chinese solar module manufacturer Longi has revealed it achieved a power conversion efficiency of 34.85% for a two-terminal tandem perovskite solar cell.



[34.6%! Record-breaker LONGi Once Again Sets a New World ...](#)

According to authoritative certification by the European Solar Test Installation (ESTI), one of the world's leading photovoltaic (PV) calibration laboratories, this cell's photovoltaic conversion ...



### [Longi unveils 34.58%-efficient tandem perovskite-silicon cell](#)

Chinese solar module maker Longi has presented this week a new tandem perovskite-silicon solar cell based on an asymmetric self-assembled monolayer (SAM) aimed at reducing ...



### [The World's Leading Supplier of Solar PV Solutions](#)

Certified by the U.S. National Renewable Energy Laboratory (NREL), the conversion efficiency of LONGi's independently developed crystalline silicon-perovskite two-terminal tandem solar cell has ...



### [LONGi breaks solar panel record with perovskite cells](#)

Researchers at LONGi, a Chinese photovoltaics manufacturer, have set a new power conversion efficiency record using a tandem perovskite-silicon solar cell.

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