



Longi s current solar power generation efficiency





Overview

At SNEC 2025, LONGi's crystalline silicon-perovskite tandem solar cell reached a remarkable 33 percent efficiency over an extensive area of 260.9 cm², made possible through material innovation and structural optimization. 12th, June 2025 - At the highly anticipated SNEC 18th (2025) International Photovoltaic Power Generation and Smart Energy Conference & Exhibition, LONGi announced two groundbreaking technological breakthroughs at the Technology Innovation Session. Certified by the authoritative US National. 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 global photovoltaic industry. 6%! Record-breaker LONGi Once Again Sets. XI'AN, China, April 17, 2025 /PRNewswire/ -- On April 11th, LONGi announced at its Wuhu base in Anhui Province, China: Through the authoritative certification of the Institute for Solar Energy Research Hamelin (ISFH) in Germany, the photoelectric conversion efficiency of its independently developed.



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27.81%! LONGi Refreshes the World Record for the Efficiency of

In November 2022, LONGi set a world record for the conversion efficiency of crystalline silicon cells at 26.81%. And then, LONGi increased this record to 27.3% in May 2024, and ...

LONGi Sets New Global Records for Solar Cell Efficiency at SNEC 2025

At SNEC 2025, LONGi's crystalline silicon-perovskite tandem solar cell reached an unprecedented 33% efficiency on a large area of 260.9 cm² through innovative material use and ...



China's Longi Sets New World Record for Solar Cell Efficiency

Longi's latest solar module Hi-MO9 has an efficiency of 24.4 percent. In only one month since the release of the product, the company received orders for close to 1 gigawatt, and the order ...

34.6%! Record-breaker LONGi Once Again Sets a New World Efficiency ...

In November 2023, the LONGi tandem solar cell team achieved an efficiency of 33.9% for tandem cells. Less than a year later, they have broken the record once again, demonstrating their ...



LONGi announced two new global solar cell efficiency records

Certified by the authoritative US National Renewable Energy Laboratory (NREL), LONGi self-developed large-area (260.9 cm²) crystalline silicon-perovskite two-terminal tandem solar cell ...

[Longi sets two world records for solar cell efficiency](#)

The breakthroughs include a 33 percent conversion efficiency for a commercial-size silicon-perovskite tandem solar cell and 26 percent efficiency for a crystalline silicon module.



Solar Cell Efficiency

LONGi announced today that it has set a new world record of 33.9% for the efficiency of crystalline silicon-perovskite tandem solar cells. LONGi Life-cycle Quality approach ensure the ...



LONGi Sets New Global Solar Cell



Efficiency Records at SNEC 2025

At SNEC 2025, LONGi's crystalline silicon-perovskite tandem solar cell reached a remarkable 33 percent efficiency over an extensive area of 260.9 cm², made possible through ...





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