



# Longi solar panel power generation efficiency

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How efficient are LONGi Solar cells?

LONGi announced today that it has set a new world record of 27.09% for the efficiency of crystalline silicon heterojunction back-contact (HBC) solar cells. LONGi announced today that it has set a new world record of 33.9% for the efficiency of crystalline silicon-perovskite tandem solar cells.

What is LONGi's Solar cell efficiency record?

By clicking sign up, you confirm that you accept this site's Terms of Use and Privacy Policy LONGi has set a new world record in solar cell efficiency, achieving 34.6% with its perovskite-silicon tandem cell.

How efficient are Longi tandem solar cells?

In November 2023, the LONGi tandem solar cell team achieved an efficiency of 33.9% for tandem cells, and less than a year later, they broke the record once again, showcasing their strong R&D capabilities and relentless pursuit of exploration.

What is the conversion efficiency of Longi HJT photovoltaic cells?

LONGi has announced a new world record conversion efficiency of 26.5% for its silicon heterojunction (HJT) photovoltaic cells. LONGi Life-cycle Quality approach ensure the highest quality, reliability and performance for our customers.

LONGi Announces Two New Global Solar Cell Efficiency Records  
===== On June 12, 2025, ...

Back Contact (BC) Solar Technology Development White Paper At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell ...

On June 12, 2025, at the highly anticipated SNEC 18th (2025) International Photovoltaic Power Generation and Smart Energy Conference & Exhibition, LONGi announced two groundbreaking ...

October 23rd, 2024 - LONGi Green Energy Technology (Hereinafter referred to as LONGi) officially announced a new world record for crystalline silicon module efficiency. According to ...



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In an exciting breakthrough, innovative solar panel manufacturer LONGi Green Energy Technology Co. has proudly ...

LONGi has set a new world record in solar cell efficiency, achieving 34.6% with its perovskite-silicon tandem cell.

The theoretical limit efficiency of monocrystalline silicon-perovskite tandem solar cells is up to 43 percent, making them the next generation of ultra-high efficiency solar cells after ...

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 ...

In an exciting breakthrough, innovative solar panel manufacturer LONGi Green Energy Technology Co. has proudly announced a new world record in silicon heterojunction back-contact ...

This marks the first time that a Chinese solar technology company has set the world record since 1988, breaking a 36-year monopoly held by overseas photovoltaic brands, it said. ...

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