

Title: Longi Solar s solar power generation efficiency

Generated on: 2026-03-25 20:01:33

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In November 2023, LONGi announced that the company had set an additional world record in the efficiency of crystalline silicon-perovskite tandem solar cells of 33.9%.

From April 2021, LONGi has broken the world record for solar cell efficiency 14 times, and currently holds the title of achieving the highest conversion efficiency for silicon solar cells at 26.81%.

At SNEC 2025, LONGi's crystalline silicon-perovskite tandem solar cell achieved groundbreaking 33 percent efficiency on an ultra-large ...

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 ...

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 ...

Back in November 2023, Longi achieved a tandem solar cell efficiency of 33.9%, approaching the SQ limit. While in June 2024, the company broke its own record with 34.6% ...

At SNEC 2025, LONGi's crystalline silicon-perovskite tandem solar cell achieved groundbreaking 33 percent efficiency on an ultra-large area of 260.9 cm²; through material innovation ...

China's solar technology company Longi Green Energy Technology achieved a module efficiency of 25.4 percent with its independently developed HPBC 2.0 solar cells, setting a new world ...

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