



# Power generation of LONGi dual photovoltaic panels

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Certified by the authoritative US National Renewable Energy Laboratory (NREL), LONGi self-developed large-area (260.9 cm<sup>2</sup>) crystalline silicon-perovskite two-terminal tandem solar cell ...

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 sets new solar efficiency records at SNEC 2025 with a 33% tandem cell and over 26% back-contact module, marking a major leap in photovoltaic technology and the future of clean ...

## Daily Power Generation of LONGi Photovoltaic Panels: Key Factors and Real-World Performance

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

The Longfei PV plant uses LONGi's HPBC 2.0 dual-glass PV modules with a module power of 630 W. The plant generates an annual output of 3.2 million kWh, providing electricity for the ...

Last year, LONGi became the "Dual-Champion" of world record efficiencies in both mono-crystalline silicon single-junction cells and silicon-perovskite tandem solar cells.

LONGi's ultra-high-value solar panels continue to benefit customers and local economies with its advantages of "higher power, lower degradation and higher reliability".

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 ...

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