

What are the new technologies of LONGi photovoltaic panels



Overview

Chinese solar manufacturer Longi unveiled a new PV module with 25.9% efficiency at the 2025 SNEC trade show this week in Shanghai, produced using both low- and high-temperature passivation techniques. At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell technology is leading the new-generation PV technology paradigm revolution, becoming the core engine to drive industry cost reduction and efficiency improvement and realize energy. LONGi supplies its reliable, high-performance solar modules to 6 continents and 85 countries and regions to power the world toward a low carbon future. LONGi has laid out several. Technology Innovation Leadership: LONGi holds multiple world records including 27. Global Manufacturing Scale Advantage: As the world's. On June 12th 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.



Article Content

What Are Distributed Energy Resources (DER)? | IBM

DER include both energy generation technologies and energy storage systems. When energy generation occurs through distributed energy resources, it's referred to as distributed generation.

Best solar panels 2026 for UK homes, reviewed by experts

Compare the best solar panels in the UK for 2026, including the most efficient models, best-value options, warranties, degradation rates and costs.

Latest Solar Panel Technology

Solar Panels Featuring the Latest Technologies Below is our list of panels featuring the latest advancements in PV technology rated according to the cell technology, efficiency

Renewable Energy Innovations 2025: Breakthrough

Discover the latest renewable energy innovations revolutionizing solar, wind, storage, and grid technologies. Expert analysis of 25+ breakthrough

Solar Photovoltaic: Everything You Should Know

How efficient are solar photovoltaic panels? Solar PV panels convert sunlight into electricity, but they are not 100% efficient. The efficiency of a solar panel refers to

Most Efficient Solar Panels 2025: Complete Guide

The most efficient solar panels available in 2025 are the LONGi Hi-MO X10 Scientist and JinkoSolar Tiger Neo 3.0, both achieving 24.8% efficiency.

Commercial Solar PV Panels: Complete 2025 Guide & Cost Analysis

Commercial solar PV panels have become a cornerstone of sustainable business operations in 2025, with the Solar Energy Industries Association (SEIA) reporting a remarkable 8%

Latest Solar Panel Technology 2026: Trends & Innovation

This guide walks through the biggest new solar panel technology trends shaping 2026, what's actually on the market today, and what's coming next. You'll find real examples from companies like LONGi,

Perovskite Solar Cell Revolution 2026: Efficiency Records, Stability ...

Explore the Perovskite Solar Cell revolution in 2026 — latest efficiency records, stability breakthroughs, and global market growth shaping next-gen photovoltaics.

Longi unveils 700 W back-contact PV panel with world

Chinese solar manufacturer Longi unveiled a new PV module with 25.9% efficiency at the 2025 SNEC trade show this week in Shanghai, produced

Most efficient solar panels 2025 — Clean Energy Reviews

Why is solar panel efficiency important? We explain the misconceptions around efficiency and list the most efficient panels from the

High-efficiency Module, Longi solar module

LONGi launched its mono-PERC modules in 2016, featuring integrated PERC technology on monocrystalline silicon and low light degradation, and its cell efficiency has increased from 21% to

LONGi Achieves Two New Global Solar Cell Efficiency

Concurrently, the 26% efficiency of its back-contact (BC) modules showcases LONGi's extensive expertise in this technology, pushing crystalline

LONGi announces two new global solar cell efficiency records

LONGi has announced two groundbreaking technological breakthroughs at the recent SNEC 2025 event.

Longi unveils 700 W back-contact PV panel with world record silicon ...

Chinese solar manufacturer Longi unveiled a new PV module with 25.9% efficiency at the 2025 SNEC trade show this week in Shanghai, produced using both low- and high-temperature

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LONGi Sets New Standards in Solar Technology with Record Tandem

As a leader in the photovoltaic industry, LONGi has been at the forefront of innovation, transitioning from popularizing monocrystalline technology to advancing perovskite and BC solar

Polysilicon Market Size, Share, Growth, Analysis, Report, 2034

October 2024- Longi Green Energy unveiled plans to construct a new polysilicon plant in Xinjiang, China. The facility will incorporate state-of-the-art technology to meet growing global

LONGi Unveils Dual Breakthroughs at SNEC 2025 — Shattering PV ...

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

Longi sets two world records for solar cell efficiency

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

Best Solar Panels Of 2026 – Forbes Home

Looking for info on the best solar panels? Discover expert opinions and data-driven insights on solar energy solutions for your home and based on

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China's solar majors charge into batteries as panel sales falter

China's major solar panel manufacturers are ramping up higher-margin battery exports to boost revenue as growth in photovoltaic (PV) sales slows, betting on rising global demand for

LONGi announced two new global solar cell efficiency records

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

LONGi Solar Panels: Complete 2025 Review & Buyer's Guide

Comprehensive LONGi solar panels review covering efficiency, pricing, warranty, and performance. Compare models, get expert insights, and find the best deals for 2025.

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