

Original LONGi's most advanced photovoltaic panels



Overview

The Hi-MO 9 series represents LONGi's most advanced residential and commercial solar panels: Designed for high-performance applications with excellent value: Optimized for large-scale commercial and utility applications: The most popular choice for residential installations: The Hi-MO 9 series represents LONGi's most advanced residential and commercial solar panels: Designed for high-performance applications with excellent value: Optimized for large-scale commercial and utility applications: The most popular choice for residential installations: The Hi-MO 9 series represents LONGi's most advanced residential and commercial solar panels: Designed for high-performance applications with excellent value: Optimized for large-scale commercial and utility applications: The most popular choice for residential installations: LONGi solar panels. 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. HIBC (Hybrid Interdigitated Back-Contact) refers to a high-low temperature composite passivated back contact technology. LONGi has laid out several. In a new scientific paper, the Chinese solar manufacturer explained that the 27. A group. Chinese solar giant Longi has introduced a revolutionary new solar panel, setting a new global benchmark for efficiency and power output. The panel was showcased at the SNEC 2025 trade show in Shanghai. 3% module efficiency, offering high energy yield.

Article Content

Back-Contact Solar Future: LONGi HPBC 1.0, 2.0

HIBC (Heterojunction Back Contact) represents LONGi's most advanced technology. Launched in May 2025, HIBC achieved something

China Launches Most Advanced Solar Panel to Date

At the heart of this innovation is Longi's proprietary Hybrid Interdigitated Back Contact (HIBC) solar cell technology. In April 2025, this

LONGi Solar Panels & PV Modules | High-Efficiency Monocrystalline ...

LONGi Solar is the world's leading manufacturer of high-efficiency monocrystalline silicon wafers and PV modules. With advanced HPBC and PERC technology, LONGi delivers reliable, high-performance

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

LONGi at Intersolar Europe 2025: Breakthroughs and

Join LONGi at Intersolar Europe 2025 as it unveils groundbreaking solar innovations, including two new world records in PV efficiency. Discover the

All you need to know about Longi Flagship PV cell

LONGi is the top solar panel manufacturing company and it is already a well known brand. It has already many variants available in market such as Hi

The World's Leading Supplier of Solar PV Solutions

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

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

Longi reveals details of world's most efficient silicon

A group of scientists from Chinese solar module maker Longi has described in a new scientific paper the 27.81%-efficient hybrid interdigitated back

LONGi announced two new global solar cell efficiency records

Curated by Professor Martin Green – the “Father of Photovoltaics” – and a global panel of leading scientists, this authoritative benchmark has been published in Progress in Photovoltaics ...

Latest Solar Panel Technology 2026: Trends & Innovation

Explore the latest solar panel technology in 2026, from perovskite tandem cells and bifacial panels to flexible solar, transparent PV glass, and AI-powered smart

China Launches Most Advanced Solar Panel to Date

This upgrade may lead to longer-lasting panels with reduced maintenance needs. Longi described the panel as a “new benchmark in photovoltaic performance,” noting that it merges cutting

The design behind the world's most efficient 27.81

Chinese solar manufacturer Longi has released the first detailed technical explanation of how it built the world's most efficient silicon solar cell.

LONGi announces two new global solar cell efficiency

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

Expert Review of LONGi Solar Panels

Should you invest in LONGi solar panels? They are one of the top solar panel manufacturers; find out if they're the right fit for your home.

The World's Leading Supplier of Solar PV Solutions

LONGi is a world leader in the clean energy transition. We provide a comprehensive suite of solar PV solutions that can optimize a wide range of project applications.

China Unveils World's Most Efficient Solar Panel Ever

Chinese solar manufacturer Longi has introduced a groundbreaking new solar module featuring industry-leading efficiency and power output. Unveiled at the SNEC 2025 trade show in

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

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.

The World's Leading Supplier of Solar PV Solutions

LONGi is more than a product supplier, offering project consultation, design, installation, procurement, commissioning, operation and maintenance, and financing expertise.

A breakthrough that makes solar panels better than ever

Researchers at LONGi developed this new technology on standard, industry-grade silicon wafers, making the technology almost immediately applicable in the production of solar panels. The

LONGi Solar: Powering Every Scale

Trusted solar technology for residential, commercial, and utility-scale projects. Discover reliable performance and expert support. See our solutions.

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

Contact Us

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