



Grades of LONGi Solar PV Panels





Overview

LONGi offers four main module series, the Hi-MO 7, Hi-MO X6, Hi-MO 5, and Hi-MO 5m, but only the Hi-MO 5m Series offers panels for residential use. Bifacial solar panels are not practical for residential installations but have gained popularity in commercial applications over. 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 been in the solar photovoltaic business for over 20 years, which is important as you can trust that they will be in business over the lifetime of your panels. LONGi Solar was founded in 2000 and is based in Xi'an, China. It's one of the world's largest solar panel manufacturers. Their product range also includes monocrystalline silicon wafers, building-integrated photovoltaic solutions (BIPVs) and alkaline water electrolyzers. Quick facts about LONGi solar panels in the EnergySage Buyer's Guide: Are LONGi solar panels best for you?

How to choose. Ever wondered why some solar panels resemble runway models while others look like they've survived a hailstorm?

Let's dissect LONGi's photovoltaic grading system through the lens of a solar installer who once confused B-grade panels with abstract art. The company offers a diverse range of solar panel types—each engineered to meet specific energy needs, environmental conditions, and installation requirements.



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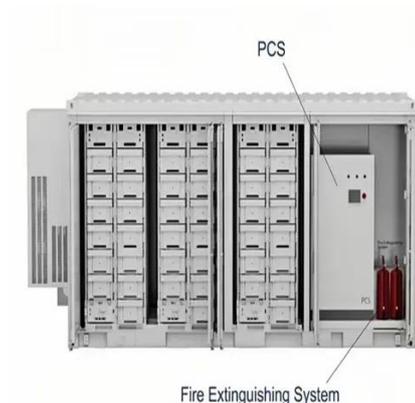
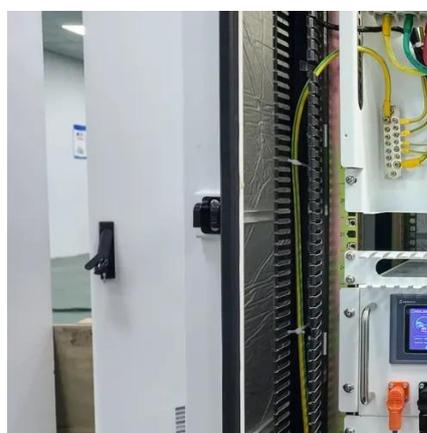


[An In-Depth Guide to Longi Solar Panel: Standards, Grades, and ...](#)

Explore everything about longi solar panel standards, grades, and performance. Learn key specifications, efficiency metrics, durability, and real-world applications to make informed solar ...

Longi Solar Panels Review

LONGi produces a wide variety of quality, cost-effective solar panels for residential, commercial and utility-scale solar installations. The current models are the Hi-MO 4 and Hi-MO 5 ...



High-efficiency Module, Longi solar module

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) ...

LONGi Solar panels review 2026

A name from the list of Top-10 world's solar brands, LONGi Solar has been called the fastest-growing PV manufacturer at times. What kind of panels does it offer and what are its ...



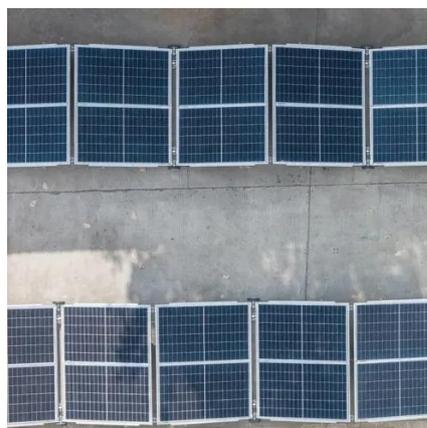
LONGi Solar Panels & PV Modules , High-Efficiency Monocrystalline

Backed by advanced technologies, LONGi solar panels feature excellent power ratings and top conversion efficiencies, and can be used across all market segments. LONGi's field-proven bifacial ...



The World's Leading Supplier of Solar PV Solutions

Vertically Integrated Solar PV Value Chain LONGi's technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy ...



Expert Review of LONGi Solar Panels

Our list was compiled based on numerous factors, most notably the financial strength of the company, length of business, and customer reviews. We will break down the types of LONGi solar panels ...



Expert Review of LONGi Solar Panels



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[Understanding LONGi Solar Panel Grades: A vs B Classifications](#)

Let's dissect LONGi's photovoltaic grading system through the lens of a solar installer who once confused B-grade panels with abstract art. The differences between A and B class panels extend ...



Longi Solar Photovoltaic Panels

PV-Tech, which handles ratings in the PV industry, also gave LONGi Solar a AAA rating, the highest obtainable grade, in its Q1 2020 bankability analysis. LONGi Solar also ranks first among PV ...



LONGi Solar Panels

Browse and compare solar panels from LONGi. Use this guide to compare solar panel products and understand which is best for your installation.



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