



# Differences between LONGi photovoltaic panel models

What types of solar panels does Longi offer?

LONGi has two main series of solar panels: Hi-MO 4, and Hi-MO 5, which have a variety of different options to suit residential, commercial and utility-scale projects. The Hi-MO 4 series uses gallium-doped silicon cells which improves the solar panels resistance to LID.

What makes Longi Hi-mo 5 solar panels different?

The first and most important feature of the LONGi Hi-MO 5 solar panel series is the technology used to manufacture solar cells. Each solar cell in this series features high-quality P-type monocrystalline silicon wafers doped with gallium, this technology has proven to be cost-efficient, stable, and better for the efficiency of the module.

Who makes LONGi Solar panels?

LONGi, founded in 2000, is a solar panel manufacturer based in San Ramon. On this page, you can find a complete list of solar panels from LONGi and compare models side-by-side. Quick facts about LONGi solar panels in the EnergySage Buyer's Guide: Are LONGi solar panels best for you? How to choose the right solar panels for your needs

What is the performance of LONGi Solar panels?

The conversion efficiency is up to 22.3% and output power ratings in mass production reaches 570W. The Hi-MO N was designed for applications on surfaces with high reflections, high temperature, limited land and high labour costs. LONGi solar panels come with an industry standard warranty of 10-year product and 25-year linear performance.

What is Longi high-efficiency solar module?

LONGi High-efficiency solar Module, widely adopting PERC solar cells technology, Half-cut Module Technology and Bifacial PV technology, Mono Silicon Crystalline Technology has become a leading manufacturer and brand in the export and installation of monocrystalline silicon solar photovoltaic module.

How many solar panels does Longi produce a year?

Their annual production capacity is reported to be 105GW for silicon wafers and 60GW for solar panels Q2 2022. LONGi owns most steps in the vertical supply chain to produce a solar panel including producing ingots, silicon wafers and solar cells.

The LONGi Hi-MO 5 solar panel series is an extremely efficient, high-performing, and durable option available for utility-scale applications. These PV modules feature cutting-edge technology that improves performance, ...

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High efficiency modules supplied by LONGi have been applied widely across the globe from grassland on high lands, deserts, water ponds to households. The solar modules benefit customers and local economies with high value ...

LONGi was the only Solar Panel manufacturer to be named AAA-rated by the PV ModuleTech Bankability Ratings in the Q3 2020 rankings. ... The Explorer and Scientist models are Longi's more cost-effective solar ...

This expert and comprehensive review of LONGi solar panels by Solarkobo tells Nigerian buyers, readers, users and installers everything they need to know about LONGi Solar panels, their proprietary technologies, their ...

Xi'an, China, October 9, 2023 - LONGi released the latest generation of its Hi-MO 7 photovoltaic product in May of this year, following an extended period of development and evaluation from ...

LONGi's Hi-MO 5m panels are designed for residential rooftop solar systems while the larger format Hi-MO 5 panels are for commercial and utility-scale installations. Like the previous Hi-MO 4 range, these panels are ...

Longi solar has 9 different manufacturing locations spread across mainland China.. They also have recently expanded their factory in India, which is now capable of producing 1GW of mono cell solar panels annually.. ...

LONGi new generation HPBC cell technology opens a new chapter in the mass production of high-efficiency cells and continues to lead the reform of the industry. The efficiency of LONGi HPBC cells exceeds 25.5%. The efficiency of ...

TLDR: Primarily designed for utility-scale solar projects in its award-winning format, the LONGi Hi-MO 5, available in monofacial and bifacial options, lessens the gap between improved project feasibility and advanced ...

Longi Hi-MO 5 and Hi-MO 5M are the starting models of the Longi Solar Panel lineup. They are both high-efficiency solar panels with a module efficiency of 21.3% and use the PERC technology . The key difference ...

The primary difference between mono and poly solar panels is the structure by which silicon is shaped and moulded into the panel. 1300 614 817. Home; ... If the solar panel is partially ...

History of LONGi Green Energy Solar Panels. Founded in the year 2000, LONGi is also one of the largest solar panel manufacturers in the world. In fact, they are currently the world's largest ...

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The Differences Between Longi HiMo5 and HiMo6 Solar Panel. The Himo 6 series and Himo 5 series are both module products offered by Longi, but they have some notable differences.--The Himo 6 series, represented by LR5 ...

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