



# How to use LONGi Solar s monocrystalline photovoltaic panels

How much power does a Longi Hi-mo 5 solar panel produce?

This test places the modules at an irradiance of 800 W/m<sup>2</sup>, temperature of 20±176°C, and wind velocity of 1m/s. Testing the performance of the LONGi Hi-MO 5 solar panel series at NOCT conditions delivered a power output range of 369.2 W for the 530W module, and up to 411.1 W for the 550W module.

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.

Why should you choose LONGi Solar panels?

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 advantages of greater efficiency, lower light degradation and higher reliabilities.

What is the warranty on Longi Hi-mo 5 solar panels?

The warranty of the LONGi Hi-MO 5 solar panel series covers the workmanship of the modules for 12 years for the materials and processing during the manufacturing process. This aligns with the average warranty issued for most PV modules in the solar industry.

How do Longi Hi-mo solar modules protect the backside?

To protect the backside of the solar cell, the LONGi Hi-MO PV module series include a 2 mm anti-reflective superstrate and a 2 mm tempered glass substrate. This way the modules are exposed to solar radiation on the back, but still are protected against external agents.

How long do LONGi Solar panels last?

Longi solar panels have a lifespan of around 30 years and maintain at least 84% of their original efficiency after 25 years. This makes them a durable and reliable choice for long-term solar energy generation. Are Longi solar panels Bloomberg Tier 1?

Longi's all black Hi-MO 6 430W improves power generation capacity providing a great power to size ratio and excellent performance - achieving 22% efficiency. The product family is suitable for both residential and C&I rooftop systems.

Key concepts and items required for solar panel wiring Solar Panel String. The "solar panel string" is the most basic and important concept in solar panel wiring. This is simply ...



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LONGi Solar is a leading solar panel manufacturer in the world that primarily focuses on monocrystalline solar cells. Started barely two decades ago, in 2000, this Chinese company has made headlines in the global solar ...

LONGi Solar - Company History. LONGi Solar was founded in February 2000 as Xi'an LONGi Silicon Materials Corporation. The company's initial focus was on the development and production of single crystal ...

This 380 watt solar panel is capable of surviving even a hurricane. 10 Year Product and 25 Year Performance Warranty. This module comes with a 10-year product warranty on materials and processing and a 25 ...

For example, the Longi Hi Mo 565 Watt Solar Panel is available for Rs.60,000, while the Longi 535-540 Watt Mono PERC Solar Panel is priced at PKR 50,000. Other sources suggest that the starting price for Longi Solar ...

This panel has a power output of 550 watts and is designed for use in residential, commercial, and utility-scale solar projects. The Longi Solar 550W Mono panel features high-efficiency monocrystalline PERC solar cells that can convert ...

PERC solar cells improve cell efficiency by depositing additional passive coating and laser grooves on traditional cells. LONGi launched its mono-PERC modules in 2016, featuring integrated PERC technology on monocrystalline silicon and ...

Monocrystalline: Rated Efficiency: 20.5%: Connector Type: MC4-compatible: Frame Color: black: ... A substantial 25-year product warranty is also included with this 400 W LONGi solar panel. ... Using solar panels ...

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