



# Longi for photovoltaic modules and inverters

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.

What is Longi LONGi Solar?

LONGi LONGi Solar are one of the world-leading mono-crystalline module manufacturers. Utilising both PERC and Bifacial PERC technologies, the LONGi solar panel is high performance and produces unrivalled efficiency. Consisting of an outstanding low irradiance performance, low power-temp coefficient and low-operating temperature.

Why should you choose LONGi Solar modules?

Our solar modules help accelerate the clean energy transition, making the world healthier and more sustainable. LONGi's technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy transition.

What is Longi innovation?

LONGi innovation is continuously raising the bar, setting conversion efficiency world records, and staying on the leading edge of P-type TOPCON, N-type TOPCON, N-type HJT, P-type HJT and other solar technologies.

What if a Longi PV module is broken?

To inform the LONGi customer service personnel within two weeks when modules are found broken or other significant abnormality. Refer to the "LONGi PV Module Operation and Maintenance Manual" for details on module maintenance.

What is the maximum system voltage for Longi modules?

(LONGi modules maximum system voltage is DC1000 V/DC1500 V---actually system voltage is designed based on the selected module and inverter model) The correction value of VOC can be calculated by the following formula. T: The expected lowest temperature of the installation site.

Uniform smart soldering increases the power and efficiency of the module, and improves the power load capacity. Solutions Products Technology ... inverters, cables, land, and AC side equipment per watt. ... What is the market ...

Longi 435W Full Black Solar Panels are ideal for domestic installations. ... These All Black solar panels look stylish and they can be installed as part of one of our solar panel bundles with inverters and batteries. Longi 435W HiMo6 LR5-54HTB datasheet ... LONGi plans to integrate solar power plants with pumped storage in



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areas that feature ...

LONGi's high-efficiency PV modules LR5-72HPH-550M are widely used all over the world, from alpine grasslands to desert wastelands, and from ponds and vegetable beds to household dwellings. ... (AC) by an ...

PVTIME - In their PV Module & Inverter Bankability 2020 report published on 13 th August 2020, BloombergNEF investigated module bankability of products and technologies offered by 49 global solar module manufacturers with a survey among key PV stakeholders. The objective was to assess which module brands used in projects are most likely to obtain non ...

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Photovoltaic panels 575W - Longi Hi-MO 6 Explorer LR5-72HTH 560-575M-V03 DG The Longi Hi-MO 6 Explorer LR5-72HTH 560-575M-V03 DG is a high-efficiency photovoltaic panel with a power output range of 560-575 watts. It features the latest half-cell technology, which increases module power and reduces the temperature of the hot spot due to the lower working current. ...

Photovoltaic panels 460W - Longi Hi-MO 4m LR4-72HBD 440-460M The Longi Hi-MO 4m LR4-72HBD photovoltaic panel is a high-performance module designed for large-scale commercial and utility applications. With a power output ranging from 440W to 460W, this panel is suitable for a wide range of solar energy projects. The panel features advanced PERC cell technology and a ...

The World's Leading Supplier of Solar PV Panels. Our solar modules help accelerate the clean energy transition, making the world healthier and more sustainable. Learn More . Vertically Integrated Solar PV Value Chain. ... LONGi PV Solutions . LONGi is a world leader in the clean energy transition. We provide a comprehensive suite of solar PV ...

Welcome to the forefront of solar innovation with LONGi, a pioneering force in monocrystalline technology. LONGi's high-efficiency solar products set new benchmarks, epitomizing durability and performance excellence. Embrace the synergy of innovation and sustainability with LONGi's state-of-the-art solar solutions.

LONGi Solar PV Modules V08. Safety Note o This manual elaborates on installation and safety use information for PV power generating modules (hereinafter referred to as module) of LONGi Solar Technology Co., Ltd. (herein- ... 6.5 PID Protection and Inverter Compatibility 8.1 Cleaning 8.2 Module Appearance Inspection 8.3 Inspection of ...



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The 15 th International Photovoltaic Electricity Generation and Smart Energy Conference & Exhibition (SNEC 2021) opened on June 3 rd in Shanghai, China. In this premier industry exhibition, LONGi unveiled its Hi-MO N - the first bifacial module with N-type TOPCon cells - and once again leads the PV industry with high-efficiency technology.. Hi-MO N ...

LONGi. Since 2000, LONGi has been a great innovator within the Solar PV industry. Their products have focused on enhancing the power-cost ratio by utilizing innovative monocrystalline technologies. With innovation and sustainable development as their two guiding values, they have become the most valuable solar company worldwide.

The Hi-Mo X10 module series is based on Longi's proprietary hybrid passivated back contact (HPBC) cell technology and has a power conversion efficiency of up to 24.6%. The modules are available in four versions with a power output of 650 W to 665 W. They measure 2,382 mm x 1,134 mm x 30 mm and weigh 33.5 kg.

Hi-MO 7 is LONGi's latest generation of high-efficiency modules designed for the utility market. The product utilizes n-type HPDC technology and maintains a standard size of M10-72c 2278x1134mm, with mass production power reaching up to 580W and corresponding conversion efficiency at 22.45%.

The monocrystalline photovoltaic module of PERC technology of this Longi panel gives you a high efficiency of up to 21.1%. The lower working current reduces the hotspot temperature and increases the power of half-cell modules.

Longi Unveils 665 W HPBC Photovoltaic Modules with 24.8% Efficiency. Chinese solar module manufacturer Longi has introduced its latest high-performance solar modules, boasting a power conversion efficiency of up to 24.8%. The new Hi-Mo X10 series was revealed during a press event at the ATP Masters in Shanghai.

LONGi leads the solar PV industry to new heights with product innovations and optimized LCOE with breakthrough monocrystalline technologies. LONGi is recognized as the world leading ...

LONGi's high-efficiency PV modules are widely used all over the world, from alpine grasslands to desert wastelands, and from ponds and vegetable beds to household dwellings. LONGi's ultra-high-value PV module products continue to benefit customers and local economy with its advantages of "higher power, lower degradation and higher reliability";.

Bifacial photovoltaic panels 555W - Longi Hi-MO 5 LR5-72HBD 535-555M Longi Hi-MO 5 LR5-72HBD 535-555M bifacial photovoltaic panels offer an impressive power output of 555W, providing high efficiency and outstanding performance. ...

In November 2022, LONGi announced the Hi-MO 6 series of panels made using the new high-efficiency



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Hybrid Passivated Back Contact (HPBC) cell technology to achieve an impressive panel efficiency of 22.8% in mass production. Traditionally, panels could only reach efficiency levels above 22% using the more common N-type TOPCon or IBC cells. However, ...

LONGi offers 3 types of solar panels for residential use, ranging from 355 W - 425 W. LONGi solar panels cost about \$2.40 per watt, which is lower than the U.S. average of \$3.00, making LONGi panels a cost-effective choice. With a competitive warranty and a proven reputation, LONGi solar panels deserve a spot on your roof.

A staple of the LONGi range, the LONGi Hi-MO 4 is LONGi's most diverse module offering in 2022, and with that, the most voluminous. From well-researched residential module purchasers through to industry-scale project developers, there's no question the LONGi Hi-MO 4 is an in-demand solar module globally.

Backed by advanced technologies, our modules feature excellent power ratings and top conversion efficiencies, and can be used across all market segments. Our field-proven bifacial ...

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Photovoltaic panels 560W - Longi Hi-MO 5m LR5-72HPH 540-560M The Longi Hi-MO 5m LR5-72HPH 540-560M photovoltaic panels are an efficient and reliable solution for solar energy generation. These 560W high-power panels are ...

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