



Longi Photovoltaic Panel Series Product Introduction

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 makes Longi a great solar company?

LONGi supplies more than 30GW of high-efficiency solar wafers and modules worldwide yearly, about a quarter of global market demand. LONGi is recognized as the world's most valuable solar technology company with the highest market value. Innovation and sustainable development are two of LONGi's core values.

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.

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.

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.

Is the longi Hi-mo 5 PV module rated for utility-scale applications?

To ensure the LONGi Hi-MO 5 PV module is rated for utility-scale applications, these modules have been tested under the most demanding conditions.

LONGi leads the solar PV industry to new heights with product innovations and optimized power-cost ratio with breakthrough monocrystalline technologies. LONGi supplies more than 30GW of ...

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



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degradation and higher reliability”;

LONGi panels come with a 12 year warranty for materials and processing, and a 25 year warranty for extra linear power output. The LONGi Hi-MO 5 series features excellent photovoltaic technology embedded in high ...

UL Solutions has recognised LONGi's high-efficiency modules with Environmental Product Declaration (EPD) certification. LONGi has also registered EPDItaly certification as a result of mutual recognition.

Photovoltaic panels 600W - Longi Hi-MO 6 Scientist LR5-72HTH 580-600M-V03 DG Longi Hi-MO 6 Scientist LR5-72HTH 580-600M-V03 DG is a high-efficiency photovoltaic panel designed for commercial and utility-scale solar projects. With a power output of 580-600 watts, these panels are capable of producing large amounts of electricity from sunlight. The panels are equipped ...

LONGi was the only Solar Panel manufacturer to be named AAA-rated by the PV ModuleTech Bankability Ratings in the Q3 2020 rankings. As the largest product of solar panels in the world, LONGi was ranked 724th in Forbes" global top 2000 in 2022.

LONGi was the only Solar Panel manufacturer to be named AAA-rated by the PV Module Tech Bankability Ratings in the Q3 2020 rankings. Their production capacity for ...

Hi-MO X6 Max is a product upgrade of the existing Hi-MO X6, which takes over the core technology of HPBC batteries and carries the new LONGi TaiRay Inside technology, leading the industry size standard and refreshing the four major product families, which can better satisfy the needs of distributed customers and continue to lead the development of distributed ...

Main Features of the 580W Longi Solar Panel 144 Cells Longi 580W solar panel series is a high-performance module that offers numerous advantages for solar energy systems. ... The Hi-MO 6 series includes four product lines - Explorer, Scientist, Guardian and Artist - all of them with the standard size M10 (182 mm) and available in types 72C, 66C ...

Hi-MO X10 takes over the core technology of HPBC 2.0 cells, leading in power generation performance, reliability, and customer benefits, which can better meet the needs of distributed customers for products. The Hi-MO X10 includes four series--Explorer, Scientist, Guardian, and Artist, making it the first choice for value of distributed PV .

o This manual elaborates on installation and safety use information for PV power generating modules (hereinafter referred to as module) of LONGi Solar Technol-ogy Co., Ltd. (hereinafter referred to as LONGi). Please abide by all safety precautions in this guide and local regulations.



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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, ...

PV module cable length $\geq 1.4\text{m}$, 78 type PV module cable length $\geq 1.5\text{m}$ 07 The application level of LONGi Solar module is Class II, which can be used in systems operating at $\geq 50\text{ V DC}$ or ≥ 240

Introduction. In the dynamic realm of solar energy, one name stands tall - Longi. The company's latest innovation, the Hi-Mo 6 panels, has not just entered the market; it has seized it with an unyielding grip.. The Longi Hi Mo 575W solar ...

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

LONGi will not take any responsibility if patent rights or the third party rights are infringed by use of modules. LONGi reserves the rights for modifying product manual or installation manual without noticing in advance. It is recommended to visit our website regularly at for the latest version of this installation manual.

Solar panel LONGI LR6-60-M Series Installation Manual. ... Page 3 Contents 1 / Introduction 2 / Laws and Regulation 3 / General Information 3.1 Modules Identification 3.2 Junction box style and wiring method 3.3 Regular Safety 3.4 Electrical ... Nameplate: product type, rated power, rated current, rated voltage, open circuit voltage, short ...

Landscape Installation: 54/60 type PV module cable length $\geq 1.2\text{m}$, 72 type PV module cable length $\geq 1.4\text{m}$, 78 type PV module cable length $\geq 1.5\text{m}$. Portrait installation: The adjacent modules in the same row need to be rotated 180 degrees for Leap-frog installation. 54/60 type PV module cable length $\geq 1.2\text{m}$. 72 type PV module cable length $\geq 1.4\text{m}$.

Photovoltaic panels 585W - Longi Hi-MO 6 Explorer LR5-72HTH 560-585M-V03 UT The Longi Hi-MO 6 Explorer LR5-72HTH 560-585M-V03 UT photovoltaic panel is a high-performance solar panel that offers exceptional efficiency, reliability, and durability. It is a product of Longi, one of the world's largest solar cell and module manufacturers, known for their advanced technology and ...

LONGi Solar is a subsidiary of LONGi Green Energy, believing that the core value of innovation lies in real world application, and volume production of the technology delivers true value. ...

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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 (mono) silicon wafers that are used in many of major solar panels. After entering PV Module production LONGi have been referred to as the fastest growing PV module manufacturer skyrocketing to an ...

LONGi solar panels utilize advanced monocrystalline solar cell technology, known for high efficiency in converting sunlight into electricity. Designed for optimal ...

This product can be categorized into four series: By the Explorer, Researcher, Guardian, and Artist based on its functional features as well as usage situations. ... What is the history behind the LONGi Hi-MO 6 introduction: The market experiencing rapid growth with demand from the business, industrial, and user clients, and modules are facing ...

product introduction; Longi Solar Module. ... Longi solar panel features: Positive power tolerance (0~+5W) guaranteed High module conversion efficiency (up to 21.5%) ... Sunpal HiMAX5 132Cell Series Solar Panel Power Range 480W 485W 490W 495W 500W 505W.

LONGi expands back contact series and introduces the Hi-MO X10 module with 670W power and 24.8% efficiency. ... Photovoltaic conversion layer: Leveraging Bipolar Hybrid Passivation Technology, this layer increases open-circuit voltage by 15mV to 745mV. ... LONGi's TaiRay wafer drives a higher reliability and performance directly at the core ...

Also Read: 11 Major Factors Affecting Solar Panel Efficiency Jinko Vs Longi Capacity or Jinko Vs Longi Output. Moving on to Jinko vs Longi capacity, the term solar panel capacity refers to the maximum amount of ...

Introduction to Longi 545W Bifacial Solar Panels. ... High-power solar panel for large-scale commercial and utility projects. \$ 447.00 Original price was: \$447.00. \$ 290.00 Current price is: ... LONGi's solar module series, Hi-MO 4 and Hi-MO 5, offer bifacial and monofacial options. Hi-MO 4 and Hi-MO 5m are for roofs, while Hi-MO 5 suits large ...

From pv magazine Global. Chinese solar module maker Longi has unveiled its latest solar modules at a press event at the ATP Masters in Shanghai. The Hi-Mo X10 module series is based on Longi's proprietary 2nd generation hybrid passivated back contact (HPBC2.0) cell technology and has a power conversion efficiency of up to 24.8%. The modules are ...

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 ...

The Longi Hi Mo 7 series is a Class A solar panels incorporates SMBB Welding Technology and features two



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product lines: LR5 72HGD and LR7 72HGD. These power panels use HPDC dual junction and tunnel oxide passivated contact cell technologies, offering an efficiency of 23.8% and generating up to 440 Watts of Alternative Current (AC) electricity. They ...

Longi Hi-MO 6 Solar Panels. The Hi-MO 6 is an exceptional product family based on efficient HPBC (High Performance and Hybrid Passivated Dual-Junction Cell) technology. This new generation of solar panels redefines the aesthetic ...

Hi-MO X10 takes over the core technology of HPBC 2.0 cells, leading in power generation performance, reliability, and customer benefits, which can better meet the needs of distributed ...

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