



# Longi new photovoltaic panel models

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.

Who is Longi Green Energy Technology?

Shanghai, China - June 14th - On June 14th, at the highly anticipated 2024 SNEC Expo in Shanghai, LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as "LONGi ") announced a major breakthrough in the development of its silicon-perovskite tandem solar cells.

What does Longi do?

Under its mission of 'making the best of solar energy to build a green world', LONGi has dedicated itself to technology innovation and established five business sectors, covering mono silicon wafers cells and modules, commercial & industrial distributed solar solutions, green energy solutions and hydrogen equipment.

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.

How efficient are Longi tandem solar cells?

In November 2023, the LONGi tandem solar cell team achieved an efficiency of 33.9% for tandem cells. Less than a year later, they have broken the record once again, demonstrating their strong R&D capabilities and relentless pursuit of exploration. To achieve this breakthrough, LONGi's R&D team conducted extensive experiments in several areas.

Explore our comprehensive solutions in solar panel technology. Whatsapp: +86-13405537396. Call us: +86-13405537396. Mail us: Sofia@longinewenergy . ... Longi Solar Panel HimoX6 MAX Guardian LR7-72HGD 600-625M. Longi Solar ...

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 ...



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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 ...

In 2020, China announced that it will strive to bring its carbon emissions to a peak before 2030 and become carbon-neutral before 2060. It noted that China will further transform its energy consumption structure by promoting the wider use of clean and renewable energy and build a New Energy-dominated Power System, as PV power playing an ...

Scientists from Chinese solar technology company, LONGi Green Energy Technology Co., Ltd, have developed a new type of solar cell that could be a game-changer in ...

Power: 370W Longi Solar Panels. Finish: A Longi Black Spilt-Cell panel with a white backsheet. Cell Type: Monocrystalline. Number Of Cells: 120 Solar Cells. Maximum Efficiency: 20.3% Module Efficiency. Technology: A high efficient Low LID Mono PERC with Half-cut cell technology. Durability: An enhanced tolerance for mechanical loading. Material: 3.2mm Tempered glass ...

October 23rd, 2024 - LONGi Green Energy Technology (Hereinafter referred to as LONGi) officially announced a new world record for crystalline silicon module efficiency. According to the latest certification report from the Fraunhofer Institute for Solar Energy Systems ISE in Germany, the efficiency of the HPBC 2.0 module independently developed by LONGi has reached ...

LONGi has unveiled the Hi-MO 6, its latest generation of photovoltaic modules that match high efficiency with stunning aesthetics for distributed generation and rooftop applications. ... LONGi introduces its new Hi-MO 6 modules to the worldwide DG market. Global News. 2022.11.2.

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 ...

Chinese solar module manufacturer Longi unveiled last week a new module series based on its proprietary hybrid passivated back contact (HPBC) cell technology at the SNEC tradeshow in Shanghai,...

World Record Performance: LONGi's continuous efforts in innovation paid off in June 2022 when they achieved a panel efficiency record of 26.5% for their silicon heterojunction (HJT) photovoltaic cells. Not resting on their laurels, they broke their own record by November, hitting a remarkable 26.81%. Quality Control: LONGi's vertically integrated manufacturing approach ensures each ...

Also Read: Solar Panel Comparison Guide: Jinko vs Longi Longi Solar Panels Vs Canadian Solar Panels Price Range. Longi solar panels are a cost-effective option because, as of January 2022, solar panel costs per watt average \$3.00 fore the federal solar tax credit, a Longi solar system will cost about \$16,800 if you take into account a typical 7 kW solar system.



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The Hi-MO 4 series is one of the few types of solar panel which uses gallium-doped silicon cells which increases the solar panel's resistance to degradation. This means the amount of power the panel will produce will remain higher because of a 0.55% per year degradation rate over a long period, than most other panels which have a typical annual ...

Solar Panels; Panel Comparison Table; Solar Panel Comparison Table. Last Updated: 30th Oct 2024 By Finn Peacock, Chartered Electrical Engineer, Fact Checked By Ronald Brakels. Find prices for solar panels and compare technical specifications of various brands and models of modules in our regularly updated solar panel comparison table.

Compared to mainstream products, Hi-MO 7 offers a power increase of approximately 4.5%, which can result in increased installation capacity and overall savings on brackets, inverters, cables, land, and AC side equipment per watt.

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 ...

Check LONGi Solar 440W datasheet for more information on the properties of the model. Performance Warranty. LONGi 440W panels come with strong warranties. This model provides a 10-year product warranty for ...

New research EnergySage Intel's latest Solar & Storage Marketplace Report ... 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. ... Number of solar panel models: 46; Solar panel wattage range: 285.0 - 545.0; Materials ...

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 ...

Discover LONGi Co., Ltd.'s advanced solar photovoltaic panels, expertly manufactured for optimal performance. Explore our comprehensive solutions in solar panel technology.

Through consistent technological innovation, LONGi, the world's leading solar technology company, has achieved continual breakthroughs in PV conversion efficiencies, breaking the world record.

LONGi panels on an individual basis cost \$75-150. For a 10 panel system expect to pay



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~\$750-~\$1,500 plus delivery. This equates to a total price including all necessary components (inverter etc) as well as installation cost of approximately ~\$7,000. Are LONGi a good solar panel? LONGi produces some of the best solar panels in the world.

LONGi's cell R& D team has repeatedly set new efficiency records in the global photovoltaic industry, with these achievements being documented in authoritative lists such as ...

\* The most efficient model solar panel currently offered by the manufacturer \*\* Maximum product warranty period - May vary by country or region ^ Cost range \$ per W - Does not include the solar inverter, installation and other equipment. (\*) Product and performance warranty conditions may vary depending on panel model, region and country. Performance ...

They have also commenced construction on a new facility in India. LONGi was the only Solar Panel manufacturer to be named AAA-rated by the PV ModuleTech Bankability Ratings in the Q3 2020 rankings. ... Please note that Longi Solar ...

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