



Longi's latest photovoltaic panel technology

LONGi's recent introduction of module technology that features BC batteries, combined with an innovative anti-dust accumulation design, marks a notable advancement over the previous generation of PERC technology, ...

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. ... the UN Refugee Agency and LONGi Green Technology Co ...

Therefore, LONGi's Back Contact Technology ridden HiMOX6 panel variants, including Anti-Dust, are a testament of LONGi's commitment to innovation and sustainability. 6. What impact do you foresee LONGi's anti-dust panels having on the adoption of solar energy in regions with high dust levels, such as the Middle East?

18th June, 2024 -- LONGi Solar is shipping the first commercial order globally of its new Hi-MO 9 solar module to France. LONGi France's customer will install 16MW capacity of modules in a large-scale, ground-mounted, French utility project. Delivering up to 24.43% efficiency, the Hi-MO 9 represents a groundbreaking performance for photovoltaic module technology.

LONGi released its 2024 Q3 financial report, with operating revenue and module shipments reaching CNY 58.593 billion and 51.23GW respectively. October 30th, 2024 - On October 30th, 2024, LONGi Green Energy Technology Co., Ltd. ...

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 ...

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 ...

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 .



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

In the recent paper titled "Silicon heterojunction back contact solar cells by laser patterning", LONGi Green Energy Technology Co., Ltd. (referred to as "LONGi") reported for the first time that crystalline silicon solar cells have broken the 27% efficiency barrier, marking a significant advancement in photovoltaic (PV) technology. This milestone not only highlights the ...

This new generation of solar panels is unique due to the front design without collector bars. The Hi-MO 6 Scientists LR5-54HTB solar panels are available in peak capacities of 435, 440, 445, and 450 watts and are characterized by excellent energy generation performance and high-quality module reliability over the long term. ... Longi, a leading ...

It was also the fastest-growing and by 2021 had overtaken all other Chinese solar companies to become the largest photovoltaic panel manufacturer in the world. ... LONGi new generation HPBC cell technology is a step-change in the mass production of high-efficiency cells and continues to lead solar technology. The efficiency of LONGi HPBC cells ...

solar panels, Longi, photovoltaics, new technology, Longi's new solar panels are based on M10 wafers with 66 solar cells and a new frame and can be fixed on the small side. Contact. Tel. 210 4323198 Tel(2) 28210 88102. TAUROS - ATHINA LOGISTICS WAREHOUSE: Patima Location - Aspropyrgos

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.

Xi'an, China, October 30, 2023 - LONGi has maintained its AAA rating in the latest PV ModuleTech bankability report, underlining the company's continued consistency in performance and financial stability. Manufacturers are comprehensively analysed and benchmarked in each release of the report, based on the relative strengths of each from a manufacturing (value ...

LONGi's Hi-MO 9 module features hybrid passivate back contact technology. Image: LONGi. Earlier this month, the leading Chinese PV producer LONGi hosted a "utility day" event at an exclusive ...

Xi'an, China, November 22, 2023 - During the 6th China International PV Industry Conference held in Chengdu last week, Dr Martin Green, Professor at the University of New South Wales, shared his insights in a



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media interview, recognising China's global leadership in solar technology - "China is definitely leading the world (in solar)" - and its ability to ...

Intended for applications in utility scale PV projects, the new Hi-MO 9 module is available in eight versions with power output ranging from 625 W to 660 W and power conversion efficiency spanning ...

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 ...

The race to produce the most efficient solar panel heats up. Until mid-2024, SunPower, now known as Maxeon, was still in the top spot with the new Maxeon 7 series. Maxeon (Sunpower) led the solar industry for over a decade until lesser-known manufacturer Aiko Solar launched the advanced Neostar Series panels in 2023 with an impressive 23.6% module ...

The module is based on LONGi's new HPBC 2.0 technology and is equipped with the company's new proprietary n-type TaiRay wafer and Bipolar Hybrid Passivation Technology which brings significant improvements in efficiency, mechanical characteristics and reliability. ... In May 2024, LONGi made history when its heterojunction back contact (HBC ...

Xi'an, China, Nov. 2, 2022 - On November 2, world-leading solar technology manufacturer LONGi introduced the Hi-MO 6, its first module designed exclusively for the global distributed consumer market. Using LONGi's high-efficiency HPBC cell technology, Hi-MO 6 achieves a maximum efficiency of 22.8% in mass production.

Photovoltaic panels 450W - Longi Hi-MO 6 Scientist LR5-54HTH 435-450M-V03 DG Longi Hi-MO 6 Scientist LR5-54HTH 435-450M-V03 DG is a high-performance solar panel manufactured by Longi, one of the world's leading solar cell and module manufacturers. The panel has a nominal power output range of 435 to 450 watts, making it ideal for both residential and commercial ...

PVTIME - On 11 October, LONGi, the PV giant, unveiled its brand new generation Hi-MO X10 solar module at a press event held at the ATP Masters in Shanghai. The latest solar panel, based on its HPBC2.0 technology, opens a new chapter in the mass production of 24.8% high-efficiency solar products and continues to lead the reform of the industry.

Discover LONGi Co., Ltd.'s advanced solar photovoltaic panels, expertly manufactured for optimal performance. Explore our comprehensive solutions in solar panel technology. Whatsapp: +86-13405537396. ... Longi Solar Panel Hi-MO X6 Explorer LR5-66HTH 520-540M



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Madrid, Spain, May 7th, 2024 - LONGi Green Energy Technology Co. today announces that the company has broken another world-record for silicon solar cell efficiency only 4 months after it last set a world-record in this area. As certified by Germany's Institute for Solar Energy Research Hamelin (ISFH), new silicon heterojunction back-contact (HBC) solar cells designed by LONGi ...

Munich (Germany) 19 th June --The world-leading solar technology company, LONGi Solar Technology (U.S.) Inc. (hereafter as "LONGi"), officially announced the new world record efficiency of 30.1% for the commercial M6 size wafer-level silicon-perovskite tandem solar cell on June 19, 2024 at the 2024 InterSolar Europe in Munich, Germany.. The commercial M6 size ...

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