



Longi monocrystalline silicon photovoltaic panel specifications

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 a Longi 430W solar panel?

Posted in Longi, Solar Panels, Standard Solar Panels. 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 features:

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 makes Longi unique?

LONGi is committed to creating the maximum value for our global partners and customers. output per unit mass. LONGi set the M2 standard of monocrystalline in the industry. And LONGi launched the M6 standard wafer in 2019 and the M10 standard wafer in this year.

Why is Longi a leader in the semiconductor industry?

*LONGi took the industry lead in standardizing wafer size and achieving 100% diamond wire cutting of mono silicon wafer. *In 2021, the company's global sales performance, market share and brand influence ranked it 1st in the world, with its total shipment volume of domestic and exported modules exceeding 2nd place by more than 10GW.

What was Longi's production capacity in 2021?

In 2021, the company's production capacity for wafers and modules had reached 105GW and 60GW respectively. In 2021, LONGi achieved wafer shipments of 70.01GW, and shipped 38.52GW of mono-crystalline modules. Reliable, top-quality, high performance innovation

Every solar cell in the Hi-MO 5 range features high-quality P-type monocrystalline silicon wafers with gallium doped silicon cells, which has been shown to be stable, cost-efficient, durable and produces improved efficiency for the module. ... LONGi Solar Panels Specifications. Cell Orientation: 108 (6°;18) Frame: Anodized aluminium alloy ...

Longi HiMo5 HPB 410W All Black Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. Login



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... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. ... Peak power: 410W. V mpp: 31.42V. V oc: 37.40V. I mpp: 13.05A. I sc: 13.84A. System Specifications ...

Longi Hi-Mo6 HTB Explorer 430W All Black Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. ... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel ...

Longi Hi-Mo6 HTB Explorer 425W All Black Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. ... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. ... Peak power: 425W. V mpp: 32.96V. V oc: 39.23V. I mpp: 12.90A. I sc: 13.93A Product Specifications ...

As the largest supplier of Monocrystalline silicon wafers in the world, Longi supply cells to near enough 50% of the solar industry. In 2017, the company shipped around 7.0GW of solar products. But, by 2020, ... Deege Solar have an extensive portfolio of Longi Solar Panel installations. From 375W Longi Black Solar Panels to 440W we have ...

Buy Longi 540 Wp Monocrystalline Solar Panels large wattage panels for significant energy production in commercial solar installations. ... Solar Panel Type: Monocrystalline: Wattage (Wp) 540 Wp: Manufacturer Warranty: 12 years ... 15px; margin-bottom: 15px;">Product Features: - High performance monocrystalline silicon cells. 0" ng-repeat="text ...

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 (monocrystalline) silicon wafers that ...

LONGi Solar Technology Co., Ltd. Solar Panel Series Hi-MO 7 LR5-72HGD 560-590M. Detailed profile including pictures, certification details and manufacturer ...

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 a robust and reliable technical backing to ensure that the quality of silicon wafers meets the needs of different environments. ... Specification. Inspection Method. Growth Mode NS--Crystallinity Monocrystalline ... professional knowledge of N-Type silicon wafer, professional knowledge of PV charging station solution, professional ...



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Hi-MO X10 Peak of Crystalline Silicon First Choice for Value. Powered by LONGi HPBC 2.0 Cell Technology, Redefining a New Era of Photovoltaic Value. Learn More . Hi-MO X6 Max Break Boundaries Embrace Greatness. ... LONGi PV Solutions . LONGi is a world leader in the clean energy transition. We provide a comprehensive suite of solar PV solutions ...

With the optimization of high-quality silicon wafers, cells, and module packaging design, Hi-MO 7 offers a linear power warranty with an annual degradation rate of up to 0.4%. ... LONGi offers professional consulting services, professional ...

LONGi 300W Solar Panel 60 cell LR6-60PB all black is an efficient monocrystalline 60-cell module, with excellent electrical and solid structural performance. ... Listed No.1 in 1st Quartile by Z-Score PV manufacturing; LONGi Silicon Materials (including LONGi Solar) has been the latest company to join "Silicon Module Super League" ...

Longi HiM56 410W Dual Glass Black Framed Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. ... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. ... V mpp: 31.21V. V oc: 37.35V. I mpp: 13.14A. I sc: 13.94A. System Specifications. Weight: 22.5 kg ...

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 ...

Discover the power of the LONGi LR5-54HPB-400-420M Monocrystalline Solar Panel. With up to 420W output, advanced technology, and a durable design, this solar panel offers exceptional efficiency and reliability for residential and commercial use. Explore more and make the switch to clean, renewable energy today.

Longi HiMo6 HTH 440W Black Framed Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. ... Longi Solar is one of the largest silicon producers in the world and a ...

Specification. Inspection Method. Growth Mode NS--Crystallinity Monocrystalline ... LONGi will provide you with professional consulting services, professional knowledge of P-Type silicon wafer, professional knowledge of PV charging station solution, professional business models of PV industry and professional full life cycle O& M capabilities. ...

Longi HiMo5 405W Silver Framed Monocrystalline Solar Panel. 01444 672005. info@pluginsolar .uk. Login ... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. ... Peak power: 405W. V mpp: 31V. V oc: 37V. I mpp: 13.07A. I sc: 13.83A. System Specifications Weight: 20 ...

This solar panel series is manufactured using technological improvements like bifacial, PERC, and half-cut



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solar cell technology embedded in high-quality monocrystalline silicon (mono c-Si) wafers. To ensure that LONGi Hi-MO 5 solar panels withstand the most challenging environment and deliver the best performance, they feature superior protective technology and ...

LONGi Solar Technology Co., Ltd. Solar Panel Series Hi-Mo 5 LR5-72HIH 535-555. Detailed profile including pictures, certification details and manufacturer PDF ... Monocrystalline Model No. 535 ... LONGi Announces New World Record ...

Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. Electrical Specifications Peak power: 430W

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. ...

This panel is a Split-Cell Panel with a White Backsheet. Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. Specifications: Efficiency: 19.8%; Peak power W p: 370W; Voltage at peak power: V mp: 34.4V; Max open circuit voltage V oc: 40.9V; Current at peak power: 10.76A

Longi Hi-Mo X6 HTH 530W Black Framed Monocrystalline Solar Panel. R73.38 (ex. VAT) R88.06 (inc. VAT) In Stock - 100 available. ... Longi Solar is one of the largest silicon producers in the world and a specialist in mono-crystalline cell and panel manufacturing. Electrical Specifications ...

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Web: <https://www.yesa.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

