



# Longi 630 photovoltaic panel specification

What is the application level of LONGi Solar module?

The application level of LONGi Solar module is Class II, which can be used in systems operating at  $> 50$  V DC or  $> 240$  W, where general contact access is anticipated; When the modules are for rooftop application, it is necessary to take the overall fire rating of the finished structure as well as operation and maintenance into account.

How to calculate VOC in a Longi module?

(LONGi modules maximum system voltage is DC1000V/DC1500V---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.  $C_{Voc} = 1 - \frac{V_{oc}}{25 - T}$  T: The expected lowest temperature of the installation site.

What services does Longi offer?

LONGi offers professional consulting services, professional knowledge of PV power plant and charging station solutions, and full life cycle O&M capabilities. Uniform smart soldering increases the power and efficiency of the module, and improves the power load capacity.

Where should Longi modules be installed?

LONGi modules shall be installed on proper buildings or other appropriate places (such as ground, garage, building outer wall, roof, PV tracking system) but shall not be installed on any vehicles. Do not install modules at places that are possible to be flooded.

Do Longi modules corrode?

LONGi modules passed the IEC61701 salt spray corrosion test, but the corrosion may still occur on where the modules frame is connected to the bracket or where the grounding is connected. In case LONGi modules are installed  $\geq 50$ m away from the ocean side, and related parts and components should be protected with anti-corrosion measures.

What size bolt tightener for Longi 30mm (30h) height frame module?

Suggestion : (1) M8 bolt tightening torque range: 12-16 Nm; M6 bolt tightening torque range: 8-12 Nm; (2) When using LONGi 30mm (30H) height frame module, it is recommended to select  $L \leq 20$ mm length fasteners. (If there is a special model, consult LONGi customer service personnel); See details in Figure 8.

The Longi 500W 66 CELL Solar Panel offers an excellent 21.3% maximum efficiency. Ideal for roof-top applications, Longi solar panels also feature lower resistive loss with lower operating current, higher energy yields and lower operating temperature. Silver frame. 1.2m cable. 12 year materials and processing warranty / 25 year Extra Linear ...



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The JA Solar Panel JAM72D42 605-630 LB N-Type is a high-efficiency solar panel manufactured by JA Solar. Here's some information about it: Product Specifications: The JAM72D42 LB N-Type solar panel has a power output ...

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. ...

LONGi Solar Panel LR6-60PB 300 watt all black is an efficient monocrystalline 60-cell module, with excellent electrical and solid structural performance. Longi Solar panels can withstand 5400 Pa snow load and 2400 Pa wind load. These modules feature black 40mm frames with white back sheets, MC4 connectors, and industry-standard -0/ 5W sorting.

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, ...

LONGi Solar was founded in 2000 and is based in China, but they have offices all over the world with a headquarters in the U.S. LONGi has been in the solar photovoltaic business for over 20 years, which is important as you can trust ...

Longi 600 watt Solar Panel Summary: This Hi MO 6 Longi 600 watt solar panel in Pakistan has an efficiency of 23.2%. This solar company is also making Bifacial solar panels and these types of panels are also available ...

Up to 630 <W> Module Power. Up to 23.30 <%> Module Efficiency. 15 <Years> Product Warranty. 25 <Years> ... LONGi offers professional consulting services, professional knowledge of PV power plant and charging station solutions, and ...

Web: Specifications included in this datasheet are subject to change without notice. LONGi reserves the right of final interpretation. (20230926V19)DG Tolerance: ...

COP29 Insights: Decoding LONGi's Strategy for Facing Climate Change and Advancing Energy Equity "As advancements in photovoltaic technology continue and costs steadily decline, the solar industry is increasingly overcoming the challenges posed by the intermittency and discontinuity of solar power in certain regions.

See specifications, prices, warranty info and reviews for the LR6-60HPH-310M, a 310 Mono PERC solar panel from LONGi Solar. Solar Calculator. Learn About Solar. ... Best online prices for LONGi Solar solar panel. Sort by: LG Solar. i. ...



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Longi Hi-Mo X6 Max Lr7-72hth PV Panels 620W 625W 630W Solar Panels Longi Fotovoltaic Panel, Find Details and Price about Mono Panel Photovoltaic from Longi Hi-Mo X6 Max Lr7-72hth PV Panels 620W 625W 630W Solar Panels Longi Fotovoltaic Panel - Changzhou Guangheng Photovoltaic Technology Co., Ltd. ... Specification. Hi-Mo X6 Max. Trademark ...

Longi Solar Panels are a reliable and efficient option for solar panel installations due to their impressive specifications. It is a Tier 1 brand and according to the top websites it ranks in the list of the top 10 solar panels.

The new Hi-MO X6 Scientist panel is available in three versions with power output ranging from 620 W to 630 W and power conversion efficiency spanning from 23.0% to 23.3%.

Leading Solar PV Panel Manufacture now in India. Now get BIS Certified Solar System, PV Cells, and Other Solar Products at the best price. Module Authenticity Downloads Speak Up. Home. ... CEC JAM78D40 605-630 GB 1500V Preview Download. Single-glass Module. S09/S10 series. CEC JAM72S10 400-420 MR 1000V 2023.12 Preview Download. CEC JAM72S10 MR ...

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 ...

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. ... The EnergySage classification system incorporates technical specifications for solar panels, inverters and batteries to compare their performance, durability ...

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.

All you need to know about the LR5-54HABB solar panel including rating, cost, efficiency, and warranty terms. Open navigation menu ... Solar Panel Buyer's Guide; LONGi LR5-54HABB; LONGi LR5-54HABB Manufacturer Reviews (1) ... Warranty Specifications expand Solar Panel Aesthetics . expand Physical Characteristics ...

Photovoltaic panels 580W - Longi Hi-MO 6 Explorer LR5-72HTD 550-580M-V03 UT Hi-MO 6 Explorer LR5-72HTD is a series of photovoltaic panels with a peak power range of 550-580 watts. They are part of the Hi-MO 6 Explorer series, which is known for its two aesthetic appearances: the Obsidian Black and the Stars design. The panels are equipped with Hybrid Pasivated Back ...



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LONGi 355w BiFacial Module: 72 Cell with 40mm frame, 300mm cables from split jbox. This is a framed bifacial panel. LONGi's PERC module won the first prize in energy yield simulation in 2017 and 2018, and the ...

LONGi Solar Technology Co., Ltd. Solar Panel Series Hi-MO X10\_ Explorer LR7-72HVH 630-650M. Detailed profile including pictures, certification details and manufacturer PDF

Technical Specification Data (STC) of Solar Panel Packing & Delivery Solar Panel Packing Details: Each pallet securely holds 30 precision-engineered panels, alternatively available in ...

Web: Specifications included in this datasheet are subject to change without notice. LONGi reserves the right of final interpretation. (20230926V19)DG Tolerance: Length: &#177;2mm Width: &#177;2mm UL type 1 or 2 IEC Class C Fire Rating 2 Module Type Testing Condition Maximum Power (Pmax/W) Open Circuit Voltage (Voc/V) 52.51

LONGi Solar PV Modules V15. Safety Note 01 ... The specific version is subject to the corresponding specification.) 1 Frame 2 Glass 3 EVA 4 Solar Cell 5 Backsheet 6 Silica Gel 7 Junction Box 8 Name Plate 9 Cable 10 Connector 11 Mounting Hole 12 Grounding Hole 13 Drain Hole 14 Bar Code ...

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