



# The back of LONGi 440 photovoltaic panel

What is a Longi 440w solar panel?

Silver 35mm frame, white backsheet and MC4 connectors w/1400mm cable. LONGi 440W solar panels are among the most powerful PV modules on the market. The LONGi HPH Series combines High Efficiency, Low LID Mono PERC cells with Half-cut Multi Busbar Technology to improve performance and boost production.

What is LONGi Solar 440w hpbc?

Zero front surface light obstruction with the new LONGi Solar 440W Hi-MO 6 (HPBC) rear contact solar module with leading 22.5% efficiency. Featured inverters. Align your next-generation LONGi Solar system with your preferred energy ecosystem for long-term energy security. LONGi Solar questions? Contact sales support > Add a battery?

Why should you choose LONGi Solar 440w?

LONGi Solar 440w performs well in high-temperatures due to anti-PID technologies used in processing solar cells and encapsulating modules. Panels are good for installation in hot and highly humid areas. Excellent anti salt mist and anti-ammonia capability and harsh environment adaptability.

Does LONGi Solar 440w come with a warranty?

Check LONGi Solar 440W datasheet for more information on the properties of the model. LONGi 440W panels come with strong warranties. This model provides a 10-year product warranty for materials and processing and 25 year warranty for extra linear power output.

What is a 440w solar panel?

A 440W solar panel that is ideal for both commercial & industrial, and residential rooftop installations. It features a black frame and white backsheet, and uses high-efficiency Hybrid Passivated Back Contact (HPBC) technology for high performance, long-term reliability and a sleek aesthetic.

What is Longi 440w mono PERC W 144 half-cut cells?

LONGi 440w Mono PERC w 144 Half-cut Cells (72 cell equivalent). Silver 35mm frame, white backsheet and MC4 connectors w/1400mm cable, LR4-72HPH-440M. The LONGi HPH Series combines High Efficiency, Low LID Mono PERC cells with Half-cut Muti Busbar Technology to improve performance and boost production.

Established in 2000, LONGi Solar is a BNEF Tier 1 manufacturer that invests heavily in research and development and is consequently known for its advancements and records in the development of monocrystalline silicon ingots, wafers, cells, and solar panels. LONGi solar PV modules are compatible with mainstream mounting systems, solar PV ...



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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.

Home / Residential / Solar Panels / LONGi 440W Solar Panel. PDF Download. Description. The LONGi 440W solar panels feature Hi-MO technology, ideal for residential & commercial use, offering high efficiency and robust performance in any conditions. ... Nominal Output (Pmpp): 440; Open Circuit Voltage (Voc): 39.5; Short Circuit Current (ISC): 14. ...

In this post, we will compare the JA Solar JAM54D40-440/LB/1500V and LONGi LR5-54HTB-440M solar panels to determine which might be the better fit for your specific requirements. ... which reflects unused light back into the cell, thereby increasing energy absorption and efficiency. ... This makes the LONGi solar panel particularly suitable for ...

Longi LR5-54HTH-440M | Hi-MO Explorer Solar Panel 1.7m. Description: The Longi LR5-54HTH-440M is a solar panel designed to redefine your energy experience. This cutting-edge solar solution combines modern aesthetics with ...

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 ...

Due to its high power and efficiency, the Hi-MO 5 can be more cost-effective in terms of BOS (Balance of System). Hi-MO 5 can increase the power of a single string and thus increase the DC:AC ratio of the power plant when using string inverters, which can reduce the cost of electrical equipment and consequently lower the LCOE (Levelized Cost of Energy).

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 ...

Photovoltaic panels 425W - Longi Hi-MO 5m LR5-54HPH 405-425M Photovoltaic panels 425W - Longi Hi-MO 5m LR5-54HPH 405-425M are an excellent solution for those looking for high performance and reliability in their photovoltaic systems. These high-efficiency panels are designed to generate electricity efficiently, even in low-light conditions, making them ideal for ...

Longi Solar 440w Mono Solar Panel - LR4-72HPH-440M: LONGi 440w Mono PERC w 144 Half-cut Cells (72 cell equivalent). Silver 35mm frame, white backsheet and MC4 connectors w/ 1400mm cable, LR4-72HPH-440M. The LONGi HPH Series combines High Efficiency, Low LID Mono PERC cells with Half-cut Muti Busbar Technology to improve performance and boost ...

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The Longi 450W Bifacial Solar Panel | LR7-54HGBB-450M offers an excellent 22% maximum efficiency. Ideal for ground mount applications, Longi solar panels also feature lower resistive loss with lower operating current, higher energy yields and lower operating temperature. 25 year materials and processing warranty / 30 year Extra Linear Power Output warranty.

A 440W solar panel that is ideal for both commercial & industrial, and residential rooftop installations. It features a black frame and white backsheet, and uses high-efficiency Hybrid Passivated Back Contact (HPBC) technology for high ...

LONGi Solar PV Modules V15. Safety Note 01 ... 5 Back Glass 6 Sealant 7 Junction Box 8 Name Plate 9 Mounting Holes 10 Grounding Holes 11 Drain Holes 12 Bar Code. 06 3.2 Junction box style and wiring method Junction Box Location Icon Recommended Wiring Method Vertical Installation: Standard Cable Length ...

Photovoltaic panels 385W - Longi Hi-MO 4m LR4-60HPH 365-385M Introducing the Longi Hi-MO 4m LR4-60HPH 365-385M Photovoltaic Panels - a high-performance solar solution designed to boost your energy generation and ...

The Longi 445W Bifacial Solar Panel | LR7-54HGBB-445M offers an excellent 21.8% maximum efficiency. Ideal for ground mount applications, Longi solar panels also feature lower resistive loss with lower operating current, higher ...

Photovoltaic panels 455W - Swiss Solar IBEX 120MHC-EiGER-440-455 FULL BLACK The Swiss Solar IBEX 120MHC-EiGER-440-455 FULL BLACK is a high-performance photovoltaic panel that can be used in both residential and commercial applications. It is designed to produce up to 455 watts of power, making it one of the most efficient panels on the market. The panel features a ...

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