



# How many volts does the LONGi 550 photovoltaic panel have

What is a LONGi Solar 550W mono panel?

The Longi Solar 550W Mono panel features high-efficiency monocrystalline PERC solar cells that can convert sunlight into electricity at a higher rate than traditional solar panels. This means that the panel can generate more electricity per square meter of space, making it an ideal choice for projects with limited roof or ground space.

What is Longi mono PERC 550W mono-crystalline solar module?

Longi Mono Perc 550W Mono-Crystalline Solar Module -LR5-72HPH-550M, 1500V (IEC/UL), 144 cells  
LONGi's high-efficiency PV modules LR5-72HPH-550M are widely used all over the world, from alpine grasslands to desert wastelands, and from ponds and vegetable beds to household dwellings.

Does Pas solar offer a Longi mono 550W solar module warranty?

Pas Solar will offer you an extended Longi Mono 550W Solar Module warranty, to ensure your solar panel will meet your needs. When sunlight shines on the Longi solar panel, the cells absorb the energy and, through a complex process, create an electric field.

What is the cable cross section size of a 550 watt solar panel?

Cable Cross Section size: 4mm<sup>2</sup>(IEC), 12A. Warranty: 12 years. Longi Solar 550W Mono is a type of solar panel produced by Longi Solar, a leading manufacturer of monocrystalline solar panels. This panel has a power output of 550 watts and is designed for use in residential, commercial, and utility-scale solar projects.

Does Longi 550 have a warranty?

Longi 550 Mono Facial Solar Panel Installation Manual The Longi 550 Mono Facial solar panel comes with a 12-year product warranty and a 30-year performance warranty. The product warranty covers any defects in materials and workmanship, while the performance warranty guarantees a minimum power output of 87.7% after 25 years.

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.  $C_{Voc} = 1 - \frac{V_{Voc}}{25 - T}$  T: The expected lowest temperature of the installation site.

Technical Details. Manufacturer Part Number: LR5-72HPH-550M | Maker: LONGi. Watt: 550. Number of cells: 144 (72) | Cell Type: Monofacial. Backsheet Color: White | Frame Color: Silver. Voltage (Vmp): 41.95 Volt | Voltage (Voc): 49.8 Volt.

1. Enter the total solar system size in watts: If you have multiple solar panels connected together, add their



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rated wattage and enter the total value in watts into the calculator. 2. Enter the battery capacity in amp-hours (Ah): If ...

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