



# Longi 555W photovoltaic panel parameters

What makes Longi a good solar module?

A testament to LONGi's innovative prowess (via a cross-licensing agreement with Shin-Etsu Chemical Co., Ltd) and commitment to long-term module performance is the incorporation of Gallium-doped silicon wafers (opposed to Boron) mitigating the effects of Light-Induced Degradation (LID) in a P-Type mono silicon solar module.

Is Longi LR5-72HBD a bifacial solar module?

The LR5-72HBD is LONGi's bifacial solar module purpose-built to harvest reflective photons. However, Efficiency gain figures are entirely subjective depending on installation obstructions to the rear of the module and the surrounding reflective environment. Overall Class.

What is Longi Hi-MO 5m & LR5-72 HPH & 72 HBD?

Report: LONGi Hi-MO 5m (LR5-72 HPH & 72 HBD). The world of utility-scale solar projects now demands bigger solar module designs. Solar modules with increased surface area mean greater power, and the Hi-MO 5 is LONGi's ultra-large, Intersolar Award-winning (2021) solar module purpose-built for utility-scale projects.

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.  $C_{Voc} = 1 - \alpha_{Voc} \cdot (25 - T)$  T: The expected lowest temperature of the installation site.

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  $\geq 50m$  away from the ocean side, and related parts and components should be protected with anti-corrosion measures.

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.

Panel solar Longi monocristalino PERC 144 CEL con 555 W de potencia, indicado para instalar. Ofrece 12 años de garantía. a. Peso del producto: 27,5 kg. ... Panel solar LONGI monocristalino ...

El Panel Solar LONGI LR5-72HPH 550W HIMO5 es un panel del fabricante Longi que ofrece una gran potencia para nuestro sistema solar fotovoltaico. El panel solar 550W cuenta con una eficiencia de hasta el



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Electrical Performance Parameters (STC Test) Maximum power (Pmax/W): 555; Open-circuit voltage (Voc/V): 49.95V; Short circuit current (Isc/A): 14.05; ... DOWNLOAD Longi Hi-Mo 5 ...

Impressive Power Output: The LONGI SOLAR 555W Hi-MO5 panel boasts an impressive power rating of 555 watts, making it one of the most powerful solar panels available. This high power output is ideal for maximizing electricity ...

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