



# Longi photovoltaic panel protection level classification

What is the fire rating of Longi bifacial modules?

Please refer to local laws and regulations before installing modules and abide by requirements on building fire protection. According to the corresponding certification standards, the fire rating of LONGi Mono-facial modules is UL Type 1 or 2 or IEC Class C, the fire rating of LONGi bifacial modules is UL Type 29 or IEC Class C.

What if a Longi PV module is broken?

To inform the LONGi customer service personnel within two weeks when modules are found broken or other significant abnormality. Refer to the "LONGi PV Module Operation and Maintenance Manual" for details on module maintenance.

What is the maximum system voltage for Longi modules?

(LONGi modules maximum system voltage is DC1000 V/DC1500 V---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. T: The expected lowest temperature of the installation site.

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.

How do Longi Hi-mo solar modules protect the backside?

To protect the backside of the solar cell, the LONGi Hi-MO PV module series include a 2 mm anti-reflective superstrate and a 2 mm tempered glass substrate. This way the modules are exposed to solar radiation on the back, but still are protected against external agents.

Can a Longi module be installed on a vehicle?

Do not manually focus sunlight with mirrors or magnifying glass onto modules. 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.

LONGi has announced that its Hi-MO 4m all black PV module has obtained the highest (Class 1) fire safety certification for the Italian market, having ... "LONGi's fire safety test results are further proof of our strong ...

Protection and Inverter Compatibility 25 26 8.2 8.3 IJ 25 23 23 23 6.3 ( 6.5 F 21 22 ... Firstly thank you very

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much for choosing LONGi PV modules. Requirements may also vary with DC or AC ...

A staple of the LONGi range, the LONGi Hi-MO 4 is LONGi's most diverse module offering in 2022, and with that, the most voluminous. From well-researched residential module purchasers through to industry-scale ...

This Longi 555 watt solar panel in Pakistan gives efficiency of 21.7%. Price, Tier 1, Hi MO 5m, Full Specifications, Warranty, Voltage, Ampere, LR5-72HPH. ... Protection Class: Class II: Fire ...

According to the IEC 61215, the LONGi Hi-MO 5 series withstands a mechanical load of 5,200 Pa on the front side, 2,400 Pa on the back side, and up to 25 mm hailstones at a speed of 23m/s, thanks to its Class II ...

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