

Longi photovoltaic panel protection level standard

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.

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 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 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.

Do Longi modules corrode?

LONGi modules passed the IEC 61701 salt spray corrosion test, but the corrosion may still occur where the modules frame is connected to the bracket or where the grounding is connected. LONGi modules can be installed ≥ 50 m away from the ocean side, and related parts and components should be protected with anti-corrosion measures.

6.5 PID Protection and Inverter Compatibility 8.1 Cleaning ... Standard line length: 60 PV module: 1m 72 PV module: 1.2m Vertical Installation: Standard line length ... The application level of ...

The efficiency was also obtained by testing them to the Standard Test Conditions (STC) and Nominal

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Operating Cell Temperature (NOCT) conditions. ... Pa on the front side, 2,400 Pa on the back side, and up to 25 ...

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, ...

A solar panel system is a multi-decade investment that a warranty can help protect. The less solar power your system produces, the more your home may need to draw from the utility company, which eats into your ...

The LONGi 425W Solar Panel LR4-72HPH-425M is manufactured by the Chinese LONGi. ... MC4 connectors, and industry-standard -0/+5W sorting. LONGi backs these modules with a 10-year product warranty and 25-year linear warranty. ...

São Paulo, Brazil, 26 th August 2024-LONGi attaches great importance to sustainability in its production facilities and operations, aspiring to a zero-carbon community. This involves building an advanced environmental ...

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