

Can Longi photovoltaic modules produce DC current under sunlight?

Page 9 INSTALLATION MANUAL FOR LONGi PHOTOVOLTAIC MODULES OF DG 3.4 Electrical Performance Safety PV modules can produce DC current under sunlight. Any contact of exposed metal at module's wiring parts may result in electrical shock or burn. Any contact of 30 V or larger DC Voltage can be fatal.

Are LONGi Solar modules corrosion resistant?

LONGi Solar modules have passed IEC61701 salty mist corrosion test, but the corrosion may occur at the joints connecting the module frame and the mounting system or grounding joints. LONGi modules can be installed less than 500mm but more than 50m from the seaside but stainless steel or aluminum shall be applied to contact solar PV Modules.

Can Longi modules be used in space?

The modules cannot be used in space. 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.

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.

Should Longi modules have the same orientation and tilt angle?

LONGi modules connected in string should be installed with the same orientation and tilt angle. Different module orientation and tilt angle may result in different levels of solar irradiation and also power generation.

Can a third party grounding device be used for a Longi module?

Mounting holes on modules that are not occupied can be used for installing grounding devices. The third party grounding device can be used for grounding of LONGi modules but such grounding method shall be proved to be reliable.

Bifacial photovoltaic panels 555W - Longi Hi-MO 5 LR5-72HBD 535-555M Longi Hi-MO 5 LR5-72HBD 535-555M bifacial photovoltaic panels offer an impressive power output of 555W, providing high efficiency and outstanding performance. ...

LONGi PV Modules for LONGi. future maintenance or upkeep or for sales and doubts, please contact LONGi global quality and customer service personnel. Please read this manual carefully ...



Longi photovoltaic panel design drawings

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 ...

60 single glass PV module;1m 72 single glass PV module;1.2m 60#230;u72 double glass PV module;0.3m Vertical Installation: Standard line length (Note: One end of the single row ...

Photovoltaic panels 460W - Longi Hi-MO 4m LR4-72HBD 440-460M The Longi Hi-MO 4m LR4-72HBD photovoltaic panel is a high-performance module designed for large-scale commercial and utility applications. With a power ...

Photovoltaic panels 600W - Longi Hi-MO 6 Scientist LR5-72HTH 580-600M-V03 DG Longi Hi-MO 6 Scientist LR5-72HTH 580-600M-V03 DG is a high-efficiency photovoltaic panel designed for commercial and utility-scale solar projects. ...



Longi photovoltaic panel design drawings

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