



# Longi photovoltaic panel grounding

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.

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.

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.

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.

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.

Can Longi modules corrode?

Any contact of 30 V or larger DC Voltage can be fatal. 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  $\geq 50$  m away from the ocean side.

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