



# Longi photovoltaic panel junction box diagram

What is LONGi Solar module junction box?

6.9.3 Connectors LONGi solar module junction box contains bypass diode which is in parallel connection with the cell string. If hot spot occurs, the diode will come into operation to stop the main current from flowing through the hot spot cells in order to prevent module over-heat and performance loss.

How are LONGi Solar photovoltaic modules packed?

LONGi solar photovoltaic modules are packed with a layer of plastic film on the outside of the pallet, which provides basic dust and water protection for the modules. For long distance transport or long time site storage, do not unpack pallets. The diagram on the right shows the package detail.

- 1
- 4
- 5
- 6
- 7

Internal strapping

Can a LONGi Solar module junction box be mated together?

Make sure all connectors are fully locked. Only connectors as the compatible model from same vendor can be mated together. Any doubt, please consult LONGi customer service personnel. LONGi solar module junction box contains bypass diode which is in parallel connection with the cell string.

How LONGi Solar module junction box works?

LONGi solar module junction box contains bypass diode which is in parallel connection with the cell string. If hot spot occurred, the diode will come into operation to stop the main current from flowing through the hot spot cells in order to prevent module over-heated and performance loss.

What are the transport and storage requirements for LONGi Solar photovoltaic modules?

3.1 Transport and storage requirements LONGi solar photovoltaic modules are packed with a layer of plastic film on the outside of the pallet, which provides basic dust and water protection for the modules. For long distance transport or long time site storage, do not unpack pallets. The diagram on the right shows the package detail.

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.

6.4 Bypass diode LONGi solar module junction box contains bypass diode which is in parallel connection with the cell string. If hot spot occurred, the diode will come into operation to stop the main current from flowing through the hot spot ...



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