

Solar Energy South Africa

How to connect the LONGi photovoltaic panel



Overview

What is the installation manual for LONGi Solar PV modules?

Page 1 Installation Manual for LONGi Solar PV Modules. • This manual elaborates on installation and safety use information for PV power generating modules (hereinafter referred to as module) of LONGi Solar Technology Co., Ltd. (hereinafter referred to as LONGi). Please abide by all safety precautions in this guide and local regulations.

How to install LONGi Solar?

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. And anti-corrosion protection shall be furnished for installation joints. See the installation requirements in Seaside Installation Instructions by LONGi Solar.

Can LONGi Solar modify the product manual or installation manual?

LONGi Solar reserves the rights for modifying the product manual or installation manual without notice in advance. If customers fail to install modules as per the requirements set forth in this manual, the quality warranty provided for customers during sales shall become invalid.

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.

How to unpack LONGi Solar modules?

Open LONGi's packaging carton as per unpacking instructions provided by LONGi Solar. Do not hold the junction box or cables to lift the entire module in

any case. Standing or walking on modules is strictly prohibited. Do not drop one module onto another module. To avoid any damage to the front glass of a module, do not put heavy objects on it.

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.

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Photovoltaic Array , Solar Panel , Solar Farms , Solar Irradiance

Series and/or parallel connection combinations to form a solar array; User-definable Solar panel library with manufacturer parameters and P-V, I-V characteristic curves Solar designers and ...

N-Type vs. P-Type Solar Panels: An In-Depth to Both ...

P-type solar panels are the most commonly sold and popular type of modules in the market. A P-type solar cell is manufactured by using a positively doped (P-type) bulk c-Si region, with a doping density of 10^{16} cm^{-3} ...



Solar Panel Degradation: What Is It and Why Should ...

Photovoltaic (PV) technology has been heavily researched and developed for years. Most PV modules in the industry have a standard lifespan of 25 years, but some leading companies in the solar industry like Moxon Solar ...



LONGI LR6-60 M SERIES INSTALLATION MANUAL Pdf ...

View and Download LONGI LR6-60 M Series installation manual online. Solar PV Modules. LR6-60 M Series solar panel pdf manual

download. Also for: Lr6-72 m series, Lr6-60bk m series, Lr6-72bk m series, Lr6-60hv m series, Lr6-72hv m ...



114KWh ESS





LONGi Hi-MO 5: The Award-Winning Solar Panel ...

LONGi is extremely confident in the performance of its LONGi Hi-MO 5 solar panel series, which is why they cover them with an industry-leading warranty of 30 years for a power output of 84.95%. This warranty covers the ...



LONGI 445W Solar Panel 144 cell LR4-72HBD ...

445w LONGi 144 half-cut cells, transparent backsheet, 1400mm cables, MC4, 35mm silver frame. LONGi LR4-72HBD 445w is a model that uses a number of technologies to bring durability and performance to the next level.



Longi HiMo6 HTB 430W All Black Mono Solar Panel

Longi's all black Hi-MO 6 430W Longi provides improved power generation capacity providing a great power to size ratio and excellent performance - achieving 22% efficiency. The product family is suitable for both residential ...

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