

What is included in the JA Solar installation manual?

Thank you for choosing JA SOLAR modules! This Installation Manual contains essential information for electrical and mechanical installation that you must know before handling and installing JA Solar Modules. This Manual also contains safety information you need to be familiar with.

Where can JA Solar modules be installed?

JA Solar Modules can be installed at seaside locations 50m to 500m from the sea, but the components should be protected against corrosion. For the detailed requirements, follow JA Solar seaside installation instructions. Modules cannot be applied for some special requirements, e.g. for buildings, marine and vehicle applications.

Can JA Solar make changes to the product specifications or installation manual?

JA Solar reserves the right to make changes to the product, specifications or installation manual without prior notice. Failure to comply with the requirements listed in this manual will invalidate the Limited Warranty for Modules as provided by JA Solar at the same time of sale to the direct customer.

What are the safety requirements for a roof module?

Modules qualified for safety through IEC 61730-1 and IEC 61730-2 and within this application class are considered to meet the requirements for safety class II equipment. When modules are mounted on rooftops, the roof must have a fire resistant covering suitable for this application.

What are the requirements for the installation support system?

The installation supporting system must be tested by the third-party organization with the analysis ability of Static Mechanical, according to the local national or international standards. The modules mounting structure must be made of durable, corrosion-resistant and UV-resistant material.

Do JA Solar modules need a grounding conductor?

The grounding is only used on the framed bifacial modules. JA Solar modules use an anodic oxidized aluminium frame to resist corrosion. So the frame of modules must be connected to the equipment grounding conductor to prevent thunder and static hurt.

The connection between photovoltaic module and photovoltaic module bracket should be in the form of fixed aluminum alloy press block standard parts, rail groove insertion or bolt fixing, and ...

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