



Installation method of trough type photovoltaic glue board

Which materials should be used to install photovoltaic modules?

JA Solar recommends that when installing modules at the seaside, stainless steel or aluminum materials should be used to contact the photovoltaic modules, and the installation parts should be well protected from corrosion. The tilt angle of the modules is measured between the surface of the modules and a horizontal ground surface.

Which direction should a photovoltaic module be installed?

When installing photovoltaic modules in the northern Hemisphere, the optimal installation direction of the module is to face south; When installing photovoltaic modules in the Southern Hemisphere, the optimal installation direction of the module is to face north. Serial connected PV modules should be installed in the same orientation and Angle.

How to install a photovoltaic light fixture?

The fixture shall be installed within the scope authorized by Suntech. The inside side of the fixture and the side of the photovoltaic module should be completely fitted. In any fixture installation mode, the fixture must not touch the glass or deform the frame of the bracket or module.

What is UL Standard 1703 for photovoltaic modules & panels?

An addendum to UL Standard 1703 "Flat Plate Photovoltaic Modules and Panels" recommends metal combinations not exceed an electrochemical potential difference of 0.6 Volts. The frame rails have pre-drilled holes marked with a grounding sign. These holes should be used for grounding purposes and must not be used for mounting the modules.

Can a Dynobond™ be used to ground a PV module?

The DynoBond™ is engineered for commercial and residential applications. Solar Stack racking system may be used to ground and/or mount a PV module complying with UL 1703 only when the specific module has been evaluated for grounding and/or mounting in compliance with UL 1703.

Can a photovoltaic module be installed outside?

Photovoltaic modules are designed for outdoor use. Modules may be mounted on ground, rooftops, vehicles or boats. Proper design of support structures is the responsibility of the system designers or installers. Mounting holes or clamp range and numbers suggested in this manual shall be used.

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