



# Photovoltaic panel M water tank horizontal board installation

How to install PV modules in hot and humid environment?

PV modules install under hot and humid weather condition. PV modules installation site is under long-term humid environment such as water floating application. To reduce the risk of PID, on the modules DC connection site, it is recommended to connect the negative to ground.

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.

Can JA Solar modules be installed on a roof?

JA solar modules have been listed as Class A according to IEC 61730-2 standard. For roof installations, modules should be mounted over a fire resistant covering suitable for this application, with adequate ventilation between the modules backsheet and the mounting surface. Roof constructions and installations may affect the fire safety of building.

How do I install a solar photovoltaic system?

Installing solar photovoltaic systems requires specialized skills and knowledge. Installation should only be performed by qualified personnel. Before installing a solar photovoltaic system, installers should familiarize themselves with its mechanical and electrical requirements.

What is tilt angle of PV module?

Tilt angle of PV modules refer to the included angle between module surface and horizontal ground. The module will obtain the maximum power output when directly facing the sunlight. Modules are preferred to be south-facing in the north hemisphere and north-facing in the south hemisphere.

What should you not do with a PV module?

Do not drop the PV module or drop objects onto the module. Do not attempt to disassemble the modules, and do not remove any attached components from the modules. Do not scratch or otherwise harm the back sheet, the glass, or the junction box. Do not pull or twist the cables or touch them with bare hands.

Alternatively, the 3m vertical separation can be exempted if a 1-hr fire-rated horizontal projection that extends at least 600mm from the building is installed between the PV installation and the unprotected opening. (d) PV installations ...



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