

# Photovoltaic bracket cold welding installation specifications

## What is solar photovoltaic bracket?

Solar photovoltaic bracket is a special bracket designed for placing, installing and fixing solar panels in solar photovoltaic power generation systems. The general materials are aluminum alloy, carbon steel and stainless steel. The related products of the solar support system are made of carbon steel and stainless steel.

#### What types of solar photovoltaic brackets are used in China?

At present,the solar photovoltaic brackets commonly used in China are divided into three types: concrete brackets,steel brackets and aluminum alloy brackets. Concrete supports are mainly used in large-scale photovoltaic power stations. Because of their self-weight,they can only be placed in the field and in areas with good foundations.

#### What is the Sun approach angle for a ballasted roof mount?

The sun approach angle of the Ballasted Roof Mount system varies depending upon the amount of ballast required for your installation and whether or not Wind Deflectors are utilized. The sun approach angle for most installations will be 17 degrees. The row spacing for this system is 21.97 inches (module to module).

#### What are the technical difficulties in assembling section steel brackets?

In short, there are many technical difficulties in the production process of the assembled section steel bracket, which requires metallurgical engineering and technical personnel to overcome technical barriers and further reduce its use cost.

#### Can a racking system be used to ground a PV module?

This racking system may be used to ground and/or mount a PV module complying with UL 1703only when the specic module has been evaluated for grounding and/or mounting in compliance with the included instructions. The system is a non-separately derived system.

### How framed PV modules can be installed on a trapezoidal metal sheet roof?

railless systemfacilitates the rapid mounting of framed PV modules on trapezoidal metal sheet roofs with minimum thickness 0.8 mm. Only three components are required to install the modules directly to the roof. A base mounting clip is 100 mm or 140 mm long, therefore easy to carry and attach to almost all trapezoidal and sandwich roofs.



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