

## Ballast Roof Solar brackets

### Overview

Ballast Roof Solar brackets is applied to various kinds of flat roof projects. Main components are made of hot-dip galvanized steel, with good performance of structure strength, stability and anti-corrosion, compatible with varied solar modules. Patented structure design guarantee quick installation to save construction cost.

### Advantages

1. Variable ballast weight allows for local wind rating requirement.
2. Roof surface can be protected with non-penetrating and low additional loads.
3. Compact delivery saves logistics cost and easy for upload.
4. Static stability ensured by high strength aluminum components.

### Technical Parameter

Structural Specifications	
Installation Site	Flat Roof , Open Land
Material	Q235 or Q355 or AL6005-T5 ( Anodized )
Fastener	Zinc-nickel alloy electroplated & Q235B
Small Components	AL6005-T5 ( Anodized )
Design Standard	JIS C8955-2011 , AS/NZS 1170.0 , IEC62817
Tile Angle	0—60°
Wind Load	≤60m/s , Per Local Codes
Snow Load	≤1.6KN/M <sup>2</sup> , Per Local Codes
Module Type	Framed or Frameless
Panel Layout	Portrait or Landscape
Service life	≥ 25years
Warranty	20 years(Q235 or Q355) 12 years(AL6005-T5)



## Triangular solar Mounting

### Overview

The Triangular solar Mounting will easily fit different flat roof or open terrain applications, due to its variable tilt angle and footing options for both roof clamp and roof penetration. Elevation can be used as fixed tilt or adjustable tilt, allow project-specific adjustments and optimize solar power output. The innovative design and high pre-assembly eliminate the need for on-site cutting, welding and enables quick and easy PV module installation.

### Advantages

1. Maximum solar power output for season changing.
2. Footing option could use different roof clamps on metal sheet.
3. 0-15", 15-30" , 30-60" adjustment range.
4. Directly fixed way on metal roof with EPDM at bottom.
5. Compatible with most of the solar modules on market.

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