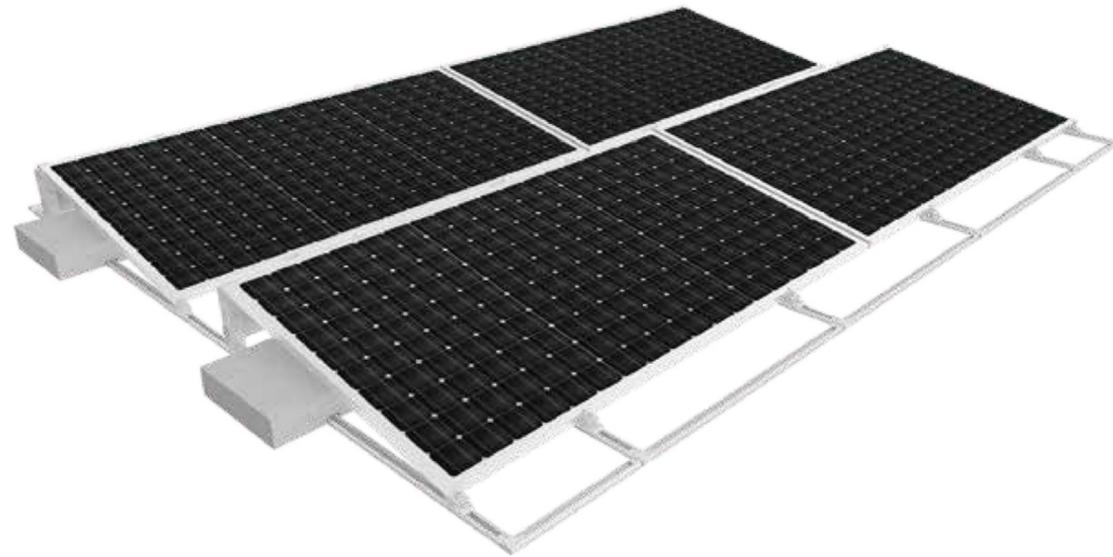


YIJIA

Ballasted Roof Solar PV Mounting System - Single Side



Technical Parameters

System Name	Roof Solar PV Mounting System	Design Standard	Euro Code/EN1991/1993/1994,BS 6399, ASCE 7-10
Installation Site	Flat Concrete roof, Flat ground, Membrane roof		International Building Code IBC 2009
Roof Type	Concrete Ballast		California Building Code CBC 2010
Tilt Angle	0-30°	Material	Q235B(Hot-Dip Galvanized) AL6005-T5 (Anodized)
Wind Load	≤44m/s	Fastener	SUS304+ Hot Dip Galvanized Zinc-Nickel Alloy Electroplated Steel
Snow Load	≤1.6KN/m ²	Small Components	AL6005-T5 (Anodized)
Applicable Solar Module	Framed/Frameless, Any width panel	Color	Silver or Customized
Panel Layout	Landscape	Warranty	10-Year Warranty

Overview

Roof Solar PV Mounting System is a non-penetration solution for flat rooftop, to meet different tilt angles installation. It is applicable to the roof areas with medium wind load. Quick installation and stable structure are assured by the modular patented design.



Advantages

High Durability Ensure the Structure Strength

Professional structure design and high-density aluminum material ensure the stability and strength of the structure

Unique Matrix Design

The matrix design further assures the stability of the whole system, and flexibly compatible with concrete block or ballast foundation

Reasonable Installation and Package Design

Simplified components configuration lead to quicker installation and smaller package size, saving installation cost and freight

Structure



Component Details

- 

Rail connection
Specification: L1350, L2700
Material: AL6005-T5(Anodized)
- 

Front Support Plate
Specification: L50
Material: AL6005-T5(Anodized)
- 

Rear Support Plate(Upper) (10°)
Specification: L50
Material: AL6005-T5(Anodized)
- 

Rear Support Plate(Down)
Specification: L50
Material: AL6005-T5(Anodized)
- 

GM Rail's Two Way Connector
Specification: L65
Material: PP
- 

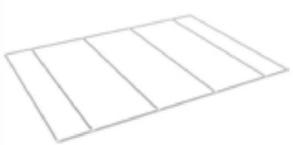
Three Way Connector
Specification: L90
Material: PP
- 

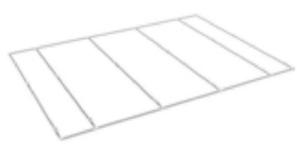
Corrugated Gasket Anchor Kit M8*75
Specification: L60
Material: AL6005-T5(Anodized)
- 

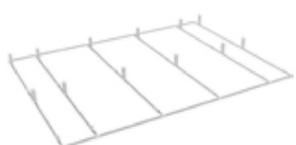
End Clamp Kit
Components: End Clamp, Spring Washer M8, Hexagon Socket Bolt
- 

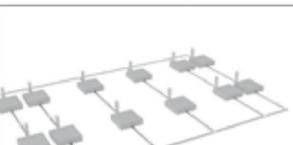
C Clamp Kit
Components: C Clamp, Cross Module, Spring Washer M8, Hex Socket Head Bolt

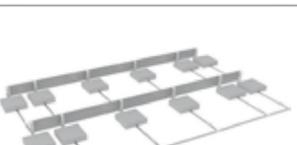
Installation Guide

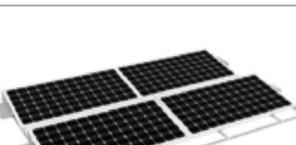
- 

Connect the GM rail with connector.
- 

Install the front support plate.
- 

Install the rear support plate.
- 

Put the cement pier.
- 

Install the wind defectors.
- 

Install the panel, then the installation is done.