

## **Macsun Solar Solar Mounting Structures**

### **1. Brief introduction:**

#### **LEAD Ground Mounting System**

Made by Extruded Aluminum Profile, provide a Lightweight Solution for all Solar Panel Construction. Designed for pre-Assembled Components, the Installation Process is Simple and Convenient. Customize the Design Plan for Customers and Provide the Best Solution.

### **2. Product Overview**



### **3.Macsun Solar Mounting Structure advantage:**

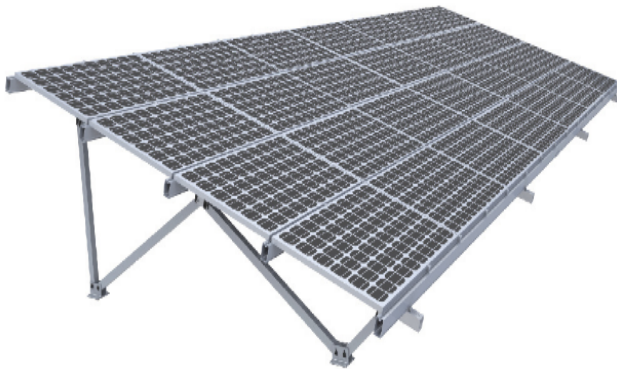
- 1) maximize space utilization design;
- 2) unique bracket design, easy to install;
- 3) flexible design, suitable for the solar module with 60 cells and 72 cells mostly used in the market;
- 4)the parts are made of high quality HDPE to ensure the performance of the materials;
- 5)carry out quality control on food-grade materials to ensure no toxic pollutants released;
- 6)easy to install without any heavy requirements;
- 7)rigid and peripheral double-row walkway design to make walking on water be flat and safer;

## 4. Components

# GROUND MOUNTING SYSTEM

## Aluminum System

Whole aluminum design, anodic oxidation treatment. Attractive appearance, strong resistance of weather and corrosion



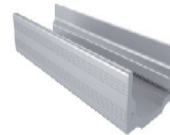
Pre-assembled Beam **A**



Pre-assembled Column **B**



Rail Connection **C**



Rail **D**



Mid Clamp **E**



End Clamp **F**



Open Field    Angle    Wind Speed    Snow Load    Ground Level    JIS C 8955:2011    Anodic Oxidation



Warranty    Life    Landscape    Portrait    Frame    Frameless    Recycle



*Open Filed*



*Angle*



*Wind Speed*



*Snow Load*



*Ground Level*



*JIS C 8955:2011*



*Anodic Oxidation*



*Warranty*



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*Frameless*



*Recycle*

Pre-assembled Beam

A



Pre-assembled Column

B



Rail Connection

C



Rail

D



Mid Clamp

E



End Clamp

F



## 5. Specification

Place of Origin	Shenzhen, China
Brand Name	MACSUN SOLAR
Model Number	MS-SMS24P
Wind Load	45m/s
Snow Load	1.4KN/m2
Warranty	10years
Product name	Solar Ground Mounting System
Material	AL6005-T5
Standard	JIS C8955:2015
Surface Treatment	Anodic Oxidation
Color	Silver
Feature	Pre-assembled
Delivery Time	20-30days

## 6. Project Reference

### PROJECT CASE



**30KW Japan**



**3MW China**



**1MW Brazil**



**50KW China**



**99KW Africa**



**50KW Malaysia**





**2MW Armenia**



**4.3MW Thailand**



**5.8MW Malaysia**



**23.7MW Malaysia**



**23MW Malaysia**



**60MW Malaysia**



**1MW Armenia**



**58MW Malaysia**



**99KW Japan**





## 7.Necessary information

To get a quote and design for Solar Ground Mounting System, we need to get below information:

1. Panel dimension: length, width and thickness
2. Tilt angle
3. Panel layout: how many solar panels in a column and how many solar panels in a row?
4. How many solar panels in total
5. Max wind speed on project site
6. Max snow load on project site

## 8, Packing

**Packing Details:** Wooden Box for small parts and accessories. Wooden Pallet for long item of mounting rail and beam.



