Product Type Roof PV Mounts

RM1:Flat Roof Solar PV Mounting System

Introduction

With flat roof photovoltaic project, this flat roof ballast PV mounting system is the most economical and practical solution for the case that the deadlines tight, no enough time to produce concrete and not wanting to destroy the roof due to worry of leaking. All structural parts are made of aluminum and the system has features of good corrosion resistance, great stability, easy to install and environmentally friend and recyclable.

Technical Data

Design standard: JIS C8955:2011	Installation site: flat roof
Max. wind resistance:38m/s	Applicable panels: framed or unframed
Max. anti-snow load capacity:1.5KN/m^2	Modules direction: portrait or landscape
Installation angle range:5° ～30°	Rail& tripod material:Al6005-T5
Span range:1. 2m～2. 5m	Bolts& nuts Material:SUS304
System installation angle deviation:±2°	Warranty: 10 years

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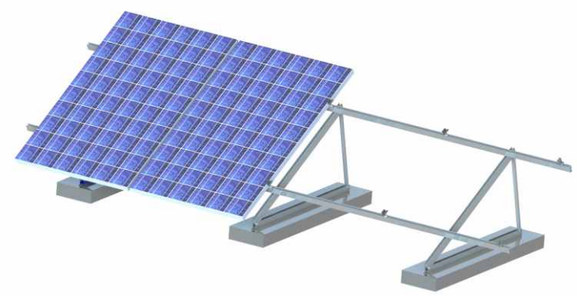
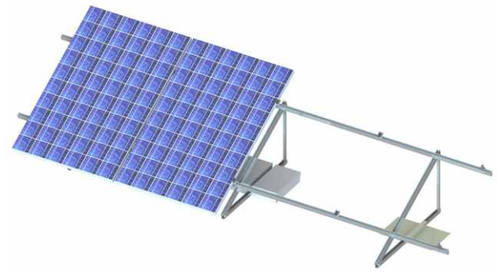
Concrete-based



Ballast



①RY-EC40-R
End Clamp 40

②RY-IC40-R
Inter Clamp 40

③RY-SP-C52
Splice for C52

④RY-RC40-R
Rail Clamp 40

⑤RY-C52/L
Rail C52

⑥RY-ST20/1350
Single row Tripod

⑦RY-BB400/500
Ballast Board

⑨RY-AA40
Angle
Alumimum

Main Features

Large range of applications:	The features of 100% aluminum production structure, light weight, high strength, and good corrosion resistance make the product can be applied to very harsh installation environment.
Compatibility:	Suitable for different specifications of PV modules, and the modules can be applied in different ways of arrangement, enabling random swap.
Safety and reliability:	With consideration to the load-bearing, wind, earthquake and other factors, and with rigorous calculation and testing the structure ensures safety and reliability.
Easy installation:	Most of the parts can be pre-assembled, improving the efficiency of on-site installation, and saving time and labor costs for the construction of photovoltaic projects.
Flexibility and adjustability:	Considering of probable construction deviation, the structure is cleverly designed with a flexible regulatory function. The system foundation position errors can be solved by the unique structure of the regulatory function, reducing the difficulty of construction.