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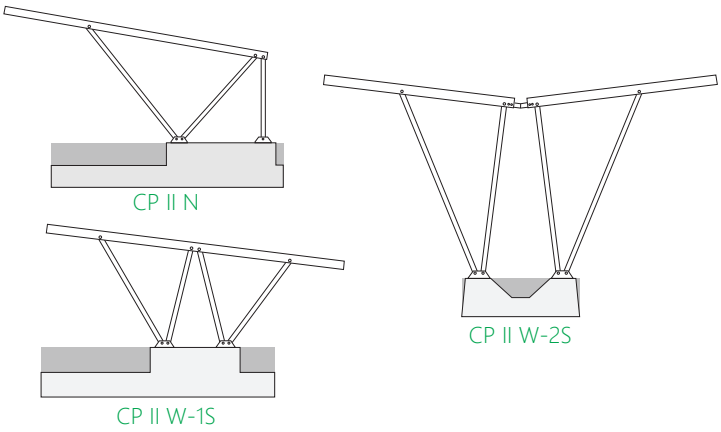
MIBET ENERGY

MRac Solar Carport System II

Overview

MRac Solar Carport System II is a pre-assembled ground solar mounting system which is ideal for large commercial and utility-scale solar PV projects. The system has been developed for various photovoltaic modules and will be customized to fit into the parking lot or designed according to specific requirements. The Carport System can protect the cars to avoid damage from sunshine, wind, rain water, and snow. Mibet's engineers continue to optimize the design of system, the quality of product and service, and also provide the best solution for your Solar Carport System.

Mounting Structure



Advantages

– Customized Solution

Design case by case, making a good utilization of ground resource and pursuit for easy and quick installation.

– High Waterproof

The special waterproof conforms to the structure of system, which make the performance Stronger

– Save Installation Time and Labor Cost on Site

With installation manuals and system solution, the construction on site will be simple.

Less construction time directly reduces project costs.

– Compatible to Varied Solar Modules

With Mrac module clamps, the system compatible with most kinds of framed and frame and frameless modules.

Technical Parameter

Installation Site	Open Area	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955： 2017,
Foundation	Concrete foundation		International Building Code IBC 2009 ,
Tilt Angle	5-15°		California Building Code CBC 2010
Wind Load	45m/s	Material	Al6005-T5(Anodized)
Snow Load	1.2KN/㎡	Fastener	SUS304 & Zinc-Nickel Alloy Electroplated Steel
Ground Clearance	2000mm+	Small Components	Al6005-T5(Anodized)
Applicable Solar Module	Framed or Frameless	Color	Silver or Customized
Panel Layout	Portrait or Landscape	Warranty	10-Year Warranty

Certified by TUV, SGS and qualified consultants in AU, JP, ASEAN, CN, UK, EU, US

Component List

Wide End Clamp Kit
Wide End Clamp
Cross Module
Spring Washer M8
Hexagon Socket Bolt

U25 Inter Clamp Kit
U25 Inter Clamp
Cross Module
Spring Washer M8
Hexagon Socket Bolt

C Clamp Kit
C Clamp
Cross Module
Spring Washer M8
Hexagon Socket Bolt

Anchor Plate for Carport
Specification: 62*49*L250
62*49*L450

Square Tube
L*100*100

Waterproof for Cross Beam
Specification: 100*100

Conical Symmetric Cross Beam 135
Specification: L*58*135
3300mm
5000mm

Splice for Conical Symmetric Cross Beam 135
L260mm
Flange Head Self-Tapping Screw ST6.3*19

Beam 160
L*100*100

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