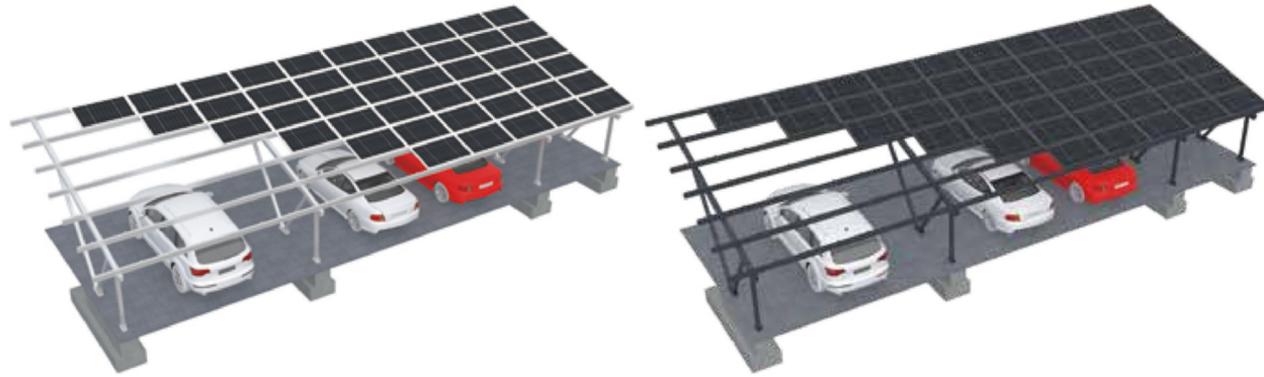


YIJIA

Solar Carport System



Technical Parameters

Installation Site	Open Area	Design Standard	Euro Code/EN1991/1993/1994, BS6300, ASCE 7-10
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/m ²	Fastener	SUS 304& 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

Overview

Solar Carport System 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



Adbantages

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

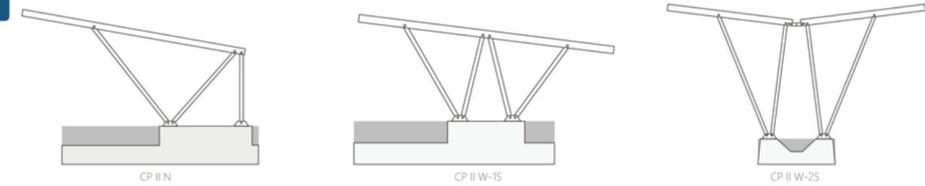
Save Installation Time and Labor Cost on Site

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

Structure



Componet Details

- 

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

Splice for Conical Symmetric Cross Beam 135
Specification: L260mm
Components: Hexa Self-Tapping Screw
With EPDM Washer ST6.3*19
- 

Beam 160
Specification: L*100*100
Material: AL6005-T5(Anodized)
- 

C Clamp Kit
Components: C Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt
- 

Wide End Clamp Kit
Components: Wide End Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt
- 

U25 Inter Clamp Kit
Components: U25 Inter Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt
- 

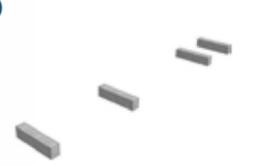
Anchor Plate for Carport(L250)
Specification: 62*49*L250
Material: AL6005-T5(Anodized)
- 

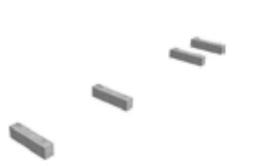
Square Tube
Specification: L*100*1900
Material: AL6005-T5(Anodized)
- 

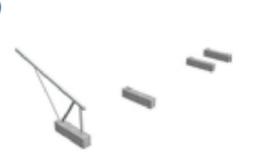
Anchor Plate for Carport(L450)
Specification: 62*49*L450
Material: AL6005-T5(Anodized)
- 

Waterproof for Cross Beam
Specification: L*100*1900

Installation Guide

- 

Grout the bolt embedded on the concrete foundation based on project solution.
- 

Fix Corrugated T Anchor Plate Kit on the concrete foundation.
- 

Connect the Pre-assemble Support with the Anchor Plate Kit on the concrete foundation.
- 

The installation of Pre-assemble Support is done.
- 

Install beam.
- 

The installation of beam is done.
- 

Fix the solar module with Inter Clamp Kit & End Clamp Kit.
- 

Installation is done.