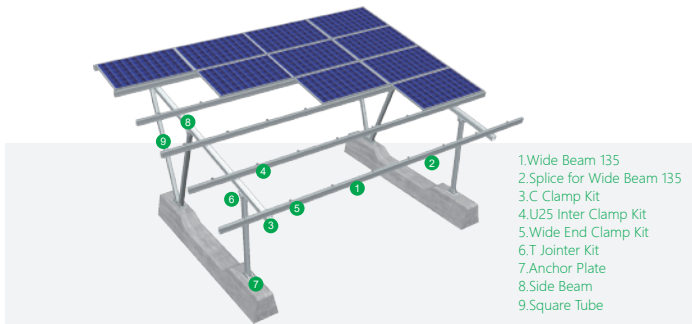


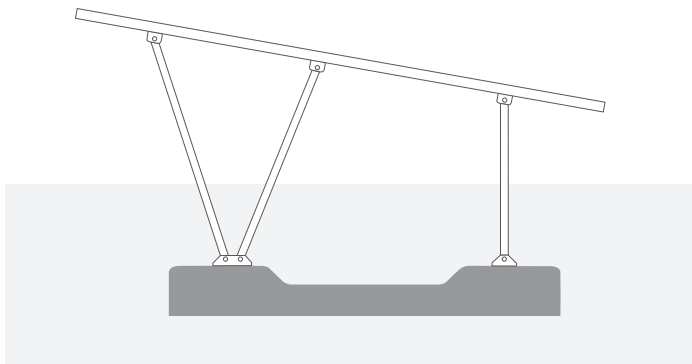
MRac Solar Carport System

Overview

MRac Solar Carport System is suitable for carpark solar PV projects and high ground clearance or extremely strong wind area projects. The system possesses elegant appearance with all anodized aluminum material, making good utilization of land and protect the cars to avoid damage from sunshine, wind, rain water and snow. Structure water-proof and cable management channels are the optional functions for MRac Solar Carport System. Patented short foundation design is available to solve limited space on existing carpark spaces.



Mounting Structure



Features

- **Customized Solution**
Design case by case, making a good utilization of ground resource and pursuit for easy and quick installation.
- **Pre-assembled Components Save Onsite Installation Time**
Solution design case by case, most components pre-assembled in factory, no onsite cut and drill request, saving the onsite installation time and cost.
- **Flexibility and Adjustability**
The structure can be adjusted with some tolerance with east-west, west-south and south-north directions, assuring flexible on-site installation to achieve best yield for solar modules.
- **Compatible to Varied Solar Modules**
With MRac module clamps, the system compatible with most kinds of framed 60-cell, 72-cell, half-cut cells modules and frameless modules.
- **Optional Functions**
Structure water-proof, cable management channels, short foundation

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 | 80m/s | Material | Al6005-T5(Anodized) |
| Snow Load | 1.6KN/m ² | Fastener | SUS304 & Zinc-Nickel Alloy Electroplated Steel |
| Ground Clearance | 1800mm+ | 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

