



Solar PV Module
Mounting Structures
for Quick and
Reliable Installations

LOW ELEVATION PORTRAIT STRUCTURES

Solar Module Mounting Structures For RCC Roofs - Low Elevation Portrait

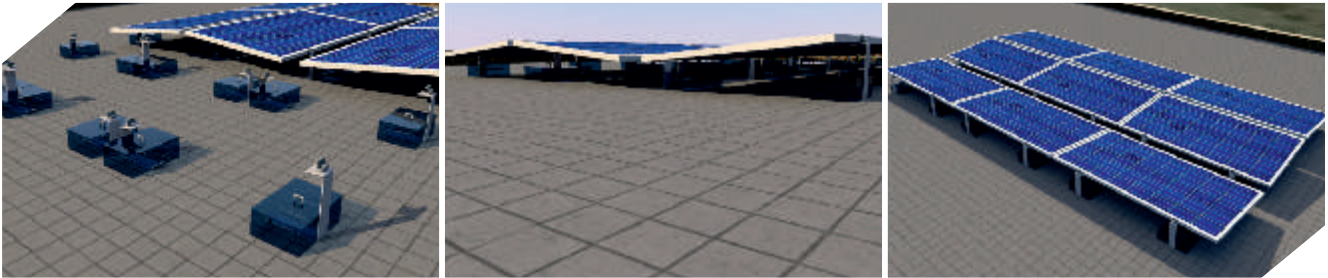
Highlights

- Design is supportive to modules
- Easy to Install; 2 persons can install upto 2kWp capacity per hour
- Design with stability and with wind-speed as per IS875 part 3 Code
- Validation through STAAD analysis allow suitability for all regions
- With optimum tilt between 5 to 20 degree for higher power generation
- High quality engineered profile made of PosMAC material
- Enables 20% higher plant capacity on available roof

-  Module Orientation Landscape
-  Application Suitable for RCC roof with low height parapet wall and obstruction on the roof

Outline

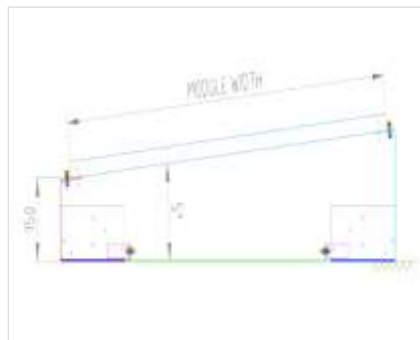
- Solar Panels installed above leg frame using recommended end clamps and fasteners
- Suitable to be used on normal RCC roofs and roofs having waterproofing layer with slope or without slope
- Fabricated structure allows simple and quick fixing
- Standard tilt angle maintained to optimize the generation
- Safe and aesthetic installation
- Ease to disassemble and relocate
- Structure designed through STAAD method
- Landscape module orientation
- Widely used for any specification modules
- maintained standard clearance from sheet top as per module requirement
- Suitable for RCC roof with low height parapet wall and obstructions



Main Component

- Front Leg
- Rear Leg
- U-type Support
- Civil Block of Grade M20

Orientation



Accessories

- Fasteners For Module
- Nitobond – EP

Technical Specifications

Details	
Scope of Application	Normal RCC roof and with waterproofing of brick back coba and China mosaic.
Fixing type	1. Grade M20 concrete for dead weight with Nitobond 2. SS fasteners for modules
Module Type and orientation	Framed modules and landscape
Technical specifications	1. Clearance to roof 150mm 2. As per IS875-3
Materials	PosMAC - Magnesium Aluminum Alloy Coating (156 g/m ²)