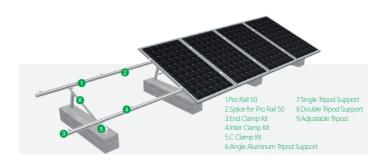


MRac Roof Solar PV Mounting System Matrix II

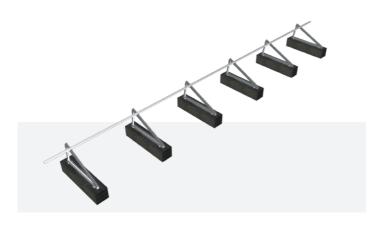
Overview



MRac Roof Solar PV Mounting System Matrix II is derived from RM I to meet different roof projects demands. Solar modules can be arranged with single or double rows of landscape or portrait orientation. Quick installation and stable structure are assured by the modular Patented design.



Mounting Structure



Features

 System Compatibility Components mostly pre-assembled in factory to assure quick and reliable installation on site. Suitable for different flat rooftop, and compatible to different types of solar modules.

Unique Mudsill Design The mudsill can be fixed to flat roof or pitched roof with concrete foundation or steel foundation.

Solar Module Layout Flexibility Both landscape and portrait solar module layout are suitable. Both single row and double rows layout can be achieved, separately or combined

Adjustability

Tilt angle can be adjustable

Technical Parame	eter		
System Name	MRac RMII	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955: 2017,
Installation Site	Flat Roof, Pitched Roof		International Building Code IBC 2009
Roof Type	Concrete Roof, Metal Roof		California Building Code CBC 2010
Tilt Angle	0-60°	Material	Al6005-T5(Anodized)
Wind Load	60m/s	Fastener	SUS304 &Zinc-Nickel Alloy Electroplated Steel
Snow Load	1.6KN/m²	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 gualified consultants in AU, JP, ASEAN, CN, UK, EU, US









Component List

Length: 260mm

ST6.3*19

Hexa Self-Tapping Screw



Pro Rail 50

Spec: 43*50*L

3100/4100/5100mm







Inter Clamp

Cross Module

Spring Washer M8

Hex Socket Head Bolt

C Clamp

Cross Module

Spring Washer M8

Hex Socket Head Bolt



Angle Aluminum

Spec: Angle Aluminum A/B/C

Washer M8, Spring Washer M8

Hex Socket Head Bolt, Hex Nut

Tripod Support



Single Tripod Support Spec: Tripod Beam 60 35.4*35.4 Tube Mudsill H49. U Gasket

Washer M10, Spring Washer M10 Hex Bolt M10, Hex Nut M10



Double Tripod Support Adjustable Tripod

Spec: Tripod Beam 60 35.4*35.4 TubeA/B Mudsill H49, U Gasket Washer M10 Spring Washer M10 Hex Bolt M10, Hex Nut M10

Spec: Tripod Beam 60, Mudsill H49 40*40 Tube, 35.4*35.4 Tube Washer M10 Spring Washer M10 Hex Bolt M10, Hex Nut M10

02

迈贝特 (厦门)新能源有限公司 XIAMEN MIBET NEW ENERGY CO., LTD.

End Clamp

Cross Module

Spring Washer M8

Hex Socket Head Bolt

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