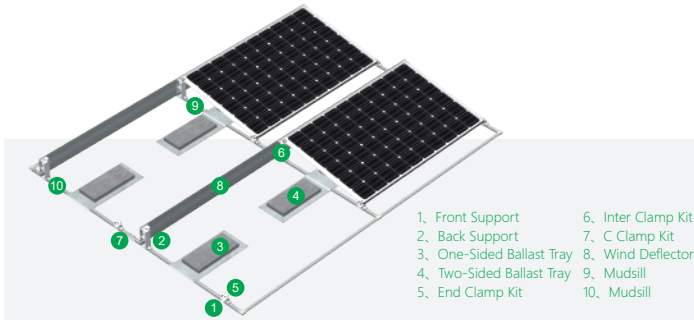


MRac Roof Solar PV Mounting System Matrix I

Overview

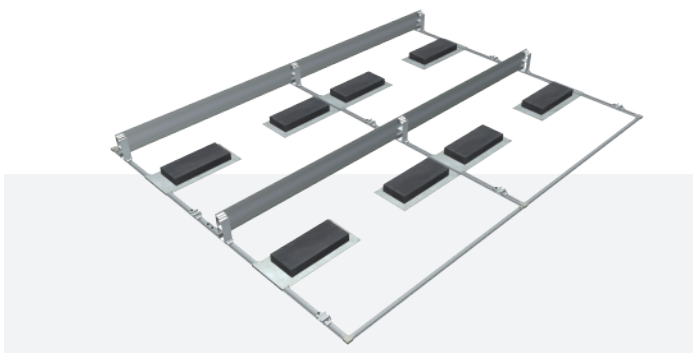
MRac Roof Solar PV Mounting System Matrix I is a non-penetration solution for flat rooftop. The system achieves high wind resistance performance and fast onsite installation with concrete ballast and patented structure design.



- 1, Front Support
- 2, Back Support
- 3, One-Sided Ballast Tray
- 4, Two-Sided Ballast Tray
- 5, End Clamp Kit
- 6, Inter Clamp Kit
- 7, C Clamp Kit
- 8, Wind Deflector
- 9, Mud sill
- 10, Mud sill



Mounting Structure



Features

- High Durability Ensure the Structure Strength
Professional structure design and high-density aluminum material ensure the stability and strength of the structure.
- Unique Matrix Design
The matrix design further assures the stability of the whole system, and flexibly compatible with concrete block or ballast foundation.
- Reasonable Installation and Package Design
Simplified components configuration lead to quicker installation and smaller package size, saving installation cost and freight.

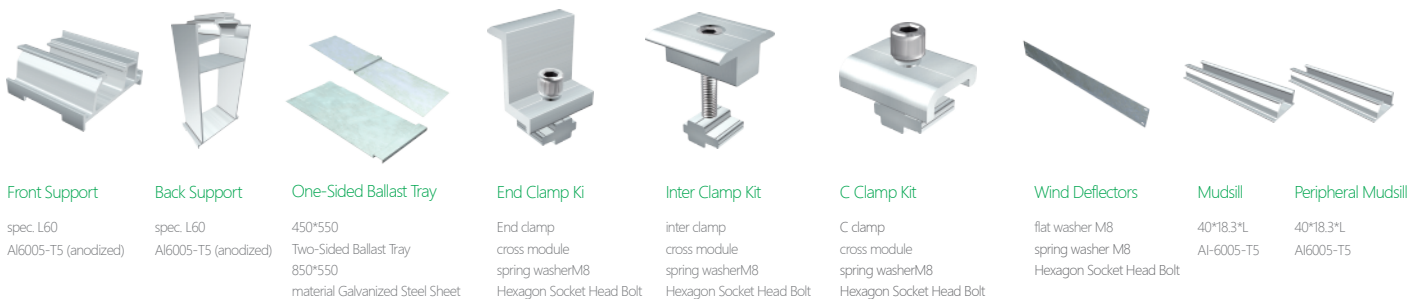
Technical Parameter

System Name	MRac Roof Matrix I	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955 : 2017,
Installation Site	Flat Roof		International Building Code IBC 2009
Roof Type	Concrete Base		California Building Code CBC 2010
Tilt Angle	5°,10°	Material	Q235B(Hot-Dip Galvanized) Al6005-T5(Anodized)
Wind Load	60m/s	Fastener	SUS304, Hot Dip Galvanized, Zinc-Nickel Alloy Electroplated Steel
Snow Load	1.6KN/m ²	Small Components	Al6005-T5(Anodized)
Applicable Solar Module	Framed	Color	Silver or Customized
Panel Layout	Landscape	Warranty	10-Year Warranty

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



Component List



Front Support spec: L60 Al6005-T5 (anodized)	Back Support spec: L60 Al6005-T5 (anodized)	One-Sided Ballast Tray 450*550 Two-Sided Ballast Tray 850*550 material Galvanized Steel Sheet	End Clamp Kit End clamp cross module spring washerM8 Hexagon Socket Head Bolt	Inter Clamp Kit inter clamp cross module spring washerM8 Hexagon Socket Head Bolt	C Clamp Kit C clamp cross module spring washerM8 Hexagon Socket Head Bolt	Wind Deflectors flat washer M8 spring washer M8 Hexagon Socket Head Bolt	Mud sill 40*18.3*L Al-6005-T5	Peripheral Mud sill 40*18.3*L Al6005-T5
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