



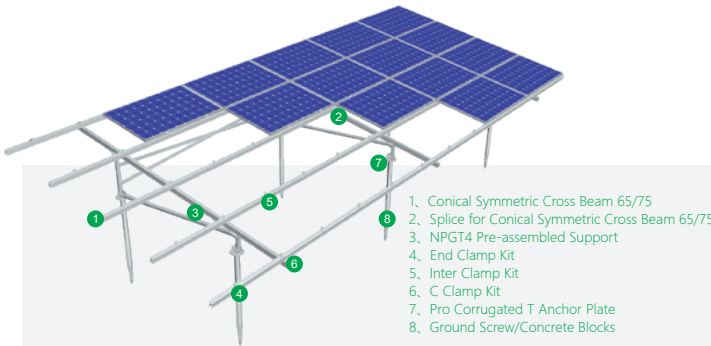
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MIBET ENERGY

MRac New Pro Ground Terrace 4 (NPGT4)

Overview

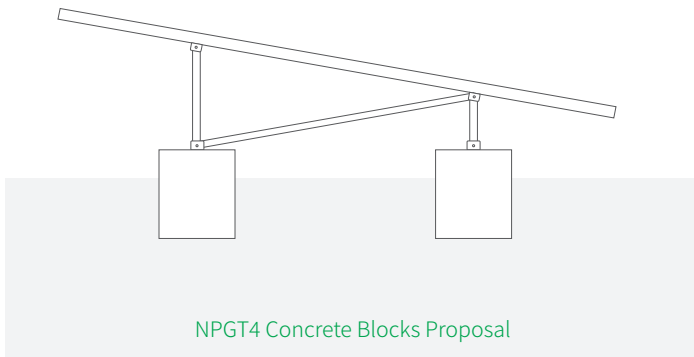
MRac New Pro Ground Terrace 4 (NPGT4) is optimized from PGT4, suitable for small to medium scale solar PV projects, Flat concrete roof & Ground. Main rails/beams and post were optimized with better design and less material, aiming at to meet more competitive price requirements. Just like the other MRac products, this new system can achieve rapid installation with highly pre-assembled structure, and minimum the installation costs at the same time.



1. Conical Symmetric Cross Beam 65/75
2. Splice for Conical Symmetric Cross Beam 65/75
3. NPGT4 Pre-assembled Support
4. End Clamp Kit
5. Inter Clamp Kit
6. C Clamp Kit
7. Pro Corrugated T Anchor Plate
8. Ground Screw/Concrete Blocks



Mounting Structure



NPGT4 Concrete Blocks Proposal

Features

- Highly pre-assembled structures for optional, minimum installation time and cost
According to the specific project demand, customized flexible pre-assembled kit can be offered from factory, no cutting or drilling on-site required, which would minimum the installation time and cost directly.
- Fully optimized structure, with more competitive price advantage
To ensure the structural strength of the system, main beams and post are optimized with better design and less material.
- Pre-assembled Components save On-site Installation Time
Solution designed 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.

Technical Parameter

Installation Site	Ground	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955:2017,
Foundation	Concrete Foundation , Ground Screw		International Building Code IBC 2009 ,
Tilt Angle	0-20°		California Building Code CBC 2010
Wind Load	38m/s	Material	AL6005-T5 (Anodized)
Snow Load	1.0KN/m ²	Fastener	SUS304 & Zinc-Nickel Alloy Electroplated Steel
Ground Clearance	300mm+	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

Conical Symmetric Cross Beam 65/75	Splice for Conical Symmetric Cross Beam 65/75	NPGT4 Pre-assembled Support	C Clamp Kit	U25 Inter Clamp Kit	Wide End Clamp Kit	Pro Corrugated T Anchor Plate	Ground Screw
Specification: L*55*65/75 Standard length: 3300mm 5000mm	Specification: L260mm Hexa Self-Tapping Screw With EPDM Washer ST6.3*19	Conical Symmetric Cross Beam 90 Flat Washer; Spring Washer T-Shape Joint; C Clamp Kit; Tube Hexagon Nut; Hexagon Bolt Hexagon Socket Bolt	C Clamp Symmetric Cross Module Spring Washer M8 Hexagon Socket Bolt	U25 Inter Clamp Symmetric Cross Module Spring Washer M8 Hexagon Socket Bolt	Wide End Clamp Symmetric Cross Module Spring Washer M8 Hexagon Socket Bolt	Specification: L120 Corrugated gasket Pro Corrugated T Anchor Plate Hexagon Socket Bolt Kit	L1600mm