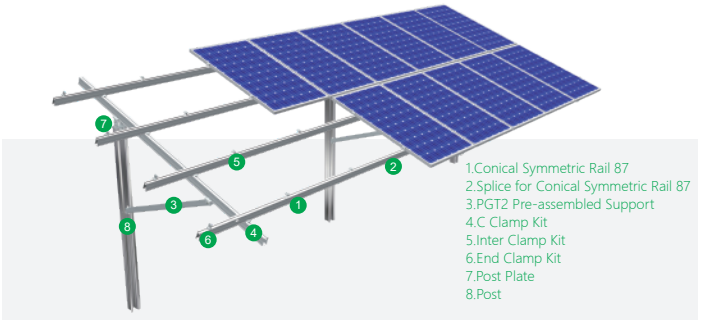
do My BesT , to be the best!

MIBET ENERGY

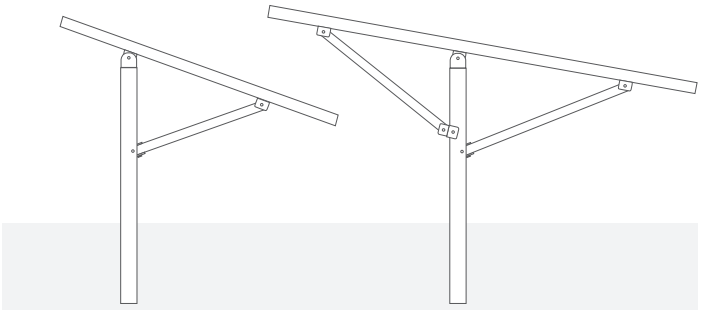
MRac Pro Ground Terrace PGT2

Overview



MRac Pro Ground Terrace PGT2 is a highly pre-assembled ground mounting system, which can be applied to the installation of large commercial and utility scale solar PV projects. Made of high quality aluminum material, PGT2 has excellent corrosion resistance performance. The single-pile patented structure design saves installation time and cost, with good compatibility to varied solar modules.

Mounting Structure



Single Arm Side Support

Double Arms Side Support

Features

– **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.

– **Symmetrical Rail Application**
Applying the symmetrical rail design, saving material cost with stable enough structure strength, making whole system more cost-effective.

– **Single-Pile Design**
Single-pile design reduce half of the ramming time, saving the construction cost.

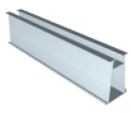
– **Structure Configuration Multi-Options**
Single or double embrace bars structure configuration available to meet varied projects requests.

Technical Parameter

Installation Site	Ground	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955 : 2017,
Foundation	⎍-shape Piles		International Building Code IBC 2009 ,
Tilt Angle	0-60°		California Building Code CBC 2010
Wind Load	60m/s	Material	Q235B(Hot-Dip Galvanized)&Al6005-T5(Anodized)
Snow Load	1.6KN/㎡	Fastener	SUS304 & Zinc-Nickel Alloy Electroplated Steel
Ground Clearance	500-2000mm	Small Components	Al6005-T5(Anodized)
Applicable Solar Module	Framed or Frameless	Color	Silver or Customized
Panel Layout	Portrait or Landscape	Warranty	10-Year Warranty

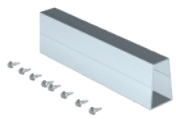
Certified by TUV, SGS and qualified consultants in AU, JP, ASEAN, CN, UK, EU, US

Component List



Conical Symmetric Rail 87

Specification : L*58*87
Standard length :
3100mm
4100mm
5100mm

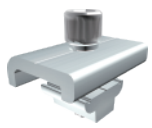


Splice for Conical Symmetric Rail 87

Specification : L260mm
Hexa Self-Tapping Screw
With EPDM Washer
ST6.3*19

PGT2 Pre-assembled Support

Cross Beam
T-Shape Joint
C Clamp Kit
Tube
Flat Washer
Spring Washer
Hexagon Nut
Hexagon Bolt
Hexagon Socket Bolt



C Clamp Kit

C Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt

Inter Clamp Kit

Inter Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt

End Clamp Kit

End Clamp
Symmetric Cross Module
Spring Washer M8
Hexagon Socket Bolt

Post Plate

Material : Al6005-T5
Post Plate A : L90
Post Plate B : L70

Post

Q235B
(Hot-Dip Galvanized)

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