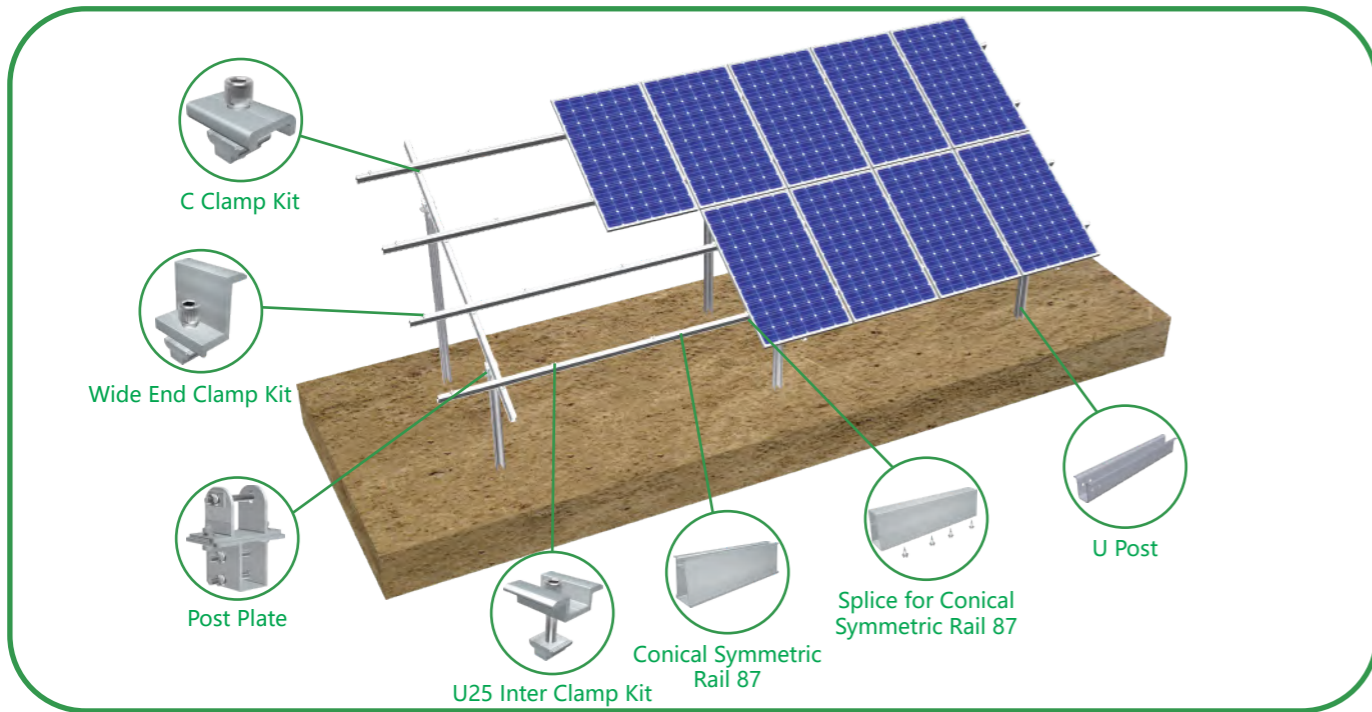


MRac[®] Pro Ground Terrace PGT8



Technical Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955: 2017,
Foundation	U Post		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/m ²	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

Overview

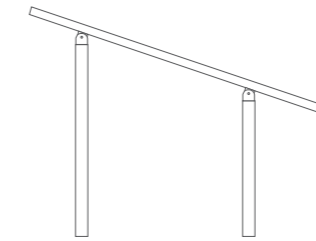
MRac Pro Ground Terrace PGT8 is optimized from GT8, a cost-effective solution applied for the installation of large-scale and utility-scale solar PV power plant. Main components are made of anodized aluminum with good performance of structure strength, stability and anti-corrosion, compatible with varied solar modules. Patented and certified system design ensure projects safety and quick installation.



Advantages

- > **Symmetrical Design of Tilt-in-Nut and Rail Channel**
No direction limitation for the nut and rail channel, improving the installation efficiency.
- > **Dual-Pile Design**
Dual-pile design, no embracing bar request, saving material cost.
- > **No Drill on Portrait Beam**
It improves the strength of the system to fix the portrait beam onto the post by special designed clamps, with force at the same direction of the gravity.
- > **Compatible to Varied Solar Modules**
With MRac module clamps, the system compatible with most kinds of framed 60-cell, 72-cell, half-cut cells modules and frameless modules.

Structure



Component Details

- Conical Symmetric Rail 87**
 Specification: L*58*87
 Standard Length: 3100mm, 4100mm, 5100mm
- Splice for Conical Symmetric Rail 87 Kit**
 Specification: L260mm
 Components: Splice for Conical Symmetric Rail 87, Hexa Self-Tapping Screw, With EPDM Washer ST6.3*19
- PGT8 Pre-assembled Support**
 Components: Cross Beam, C Clamp 80, T-Shape Joint, Flat Washer, Spring Washer, Hexagon Socket Bolt
- C Clamp Kit**
 Components: C Clamp, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt
- Wide End Clamp Kit**
 Components: Wide End Clamp Kit, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt
- U25 Inter Clamp Kit**
 Components: U25 Inter Clamp, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt
- Post Plate A**
 Specification: L90
 Material: AL6005-T5 (Anodized)
- Post Plate B**
 Specification: L70
 Material: AL6005-T5 (Anodized)
- U Post**
 Specification: L150
 Material: Steel Q235B (Hot-Dip Galvanized)

Installation Guide

- Install U Post according to the solution.
- Install Post Plate.
- Install Rail.
- Complete Rail installation.
- Install Beam.
- Complete Beam installation.
- Fasten solar panels by Inner Clamp Kit and End Clamp Kit.
- Installation completed.