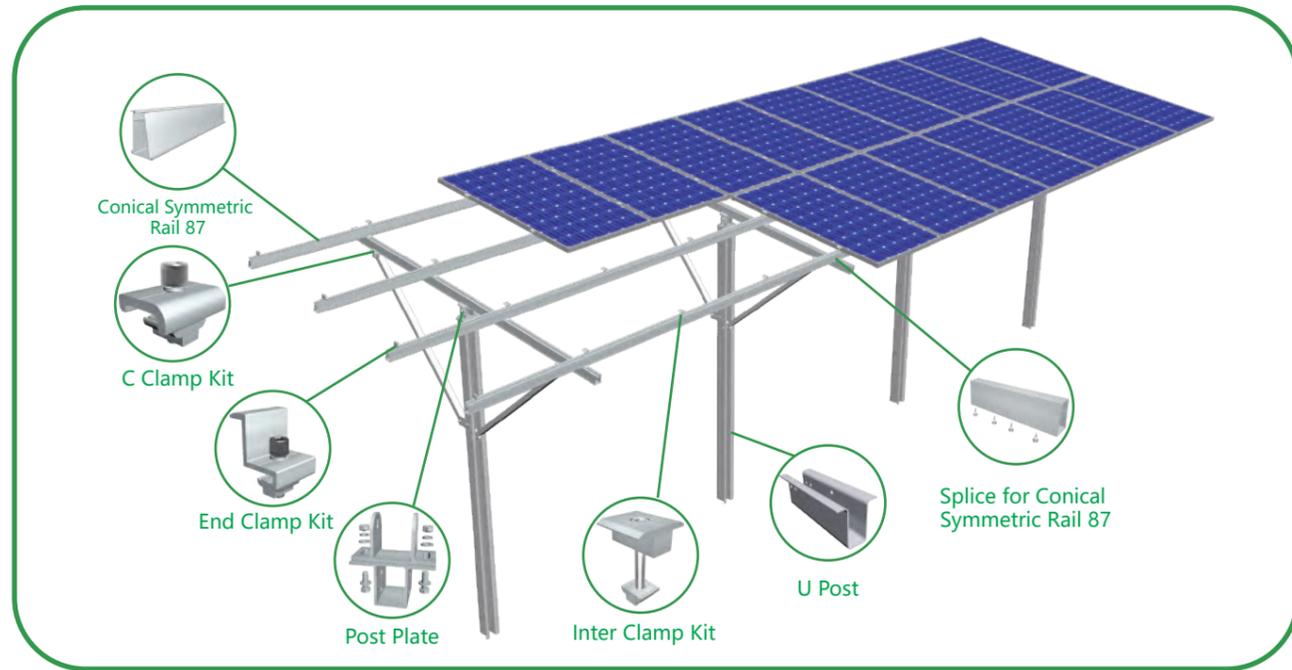


MRac[®] Pro Ground Terrace PGT2



Technical Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170, DIN 1055, JIS C8955: 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/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

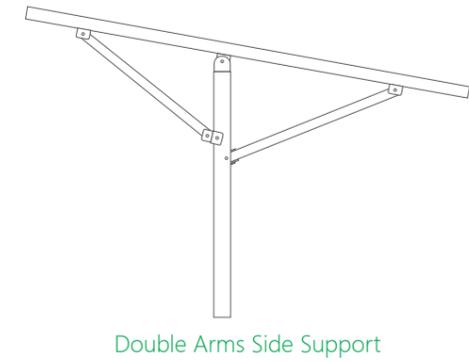
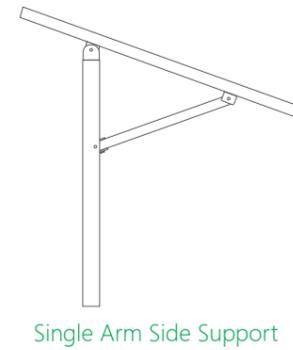
MRac Pro Ground Terrace PGT2 is a highly pre-assembled ground mounting system, which can be applied to the installation of large commercial and utility scale solar PV projects. Made of high quality aluminum material, PGT2 has excellent corrosion resistance performance. The single-pile patented structure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



Advantages

- > **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.

Structure



Component Details

1		Conical Symmetric Rail 87 Specification: L*58*87 Standard Length: 3100mm, 4100mm, 5100mm	2		Splice for Conical Symmetric Rail 87 Specification: L260mm Components: Hexa Self-Tapping Screw With EPDM Washer ST6.3*19
3		PGT2 Pre-assembled Support Components: Flat Washer, Spring Washer, Hexagon Nut, Hexagon Bolt, Cross Beam, T-Shape Joint, C Clamp Kit, Tube, Hexagon Socket Bolt	4		C Clamp Kit Components: C Clamp, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt
5		End Clamp Kit Components: End Clamp, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt	6		Inter Clamp Kit Components: Inter Clamp, Symmetric Cross Module, Spring Washer M8, Hexagon Socket Bolt
7		Post Plate Material: AL6005-T5 (Anodized) Specification: Post Plate A: L90, Post Plate B: L70	8		U Post Material: Steel Q235B (Hot-Dip Galvanized)

Installation Guide

- Pile GT2 U Post into ground by pile driver.
- Install Square Joints onto GT2 U Post.
- Connect the preassembled support with U Post and Square Joints.
- Fasten the rail by C Clamp Kit.
- Fasten the solar panels by Inner Clamp Kits and End Clamp Kits.
- Installation completed.