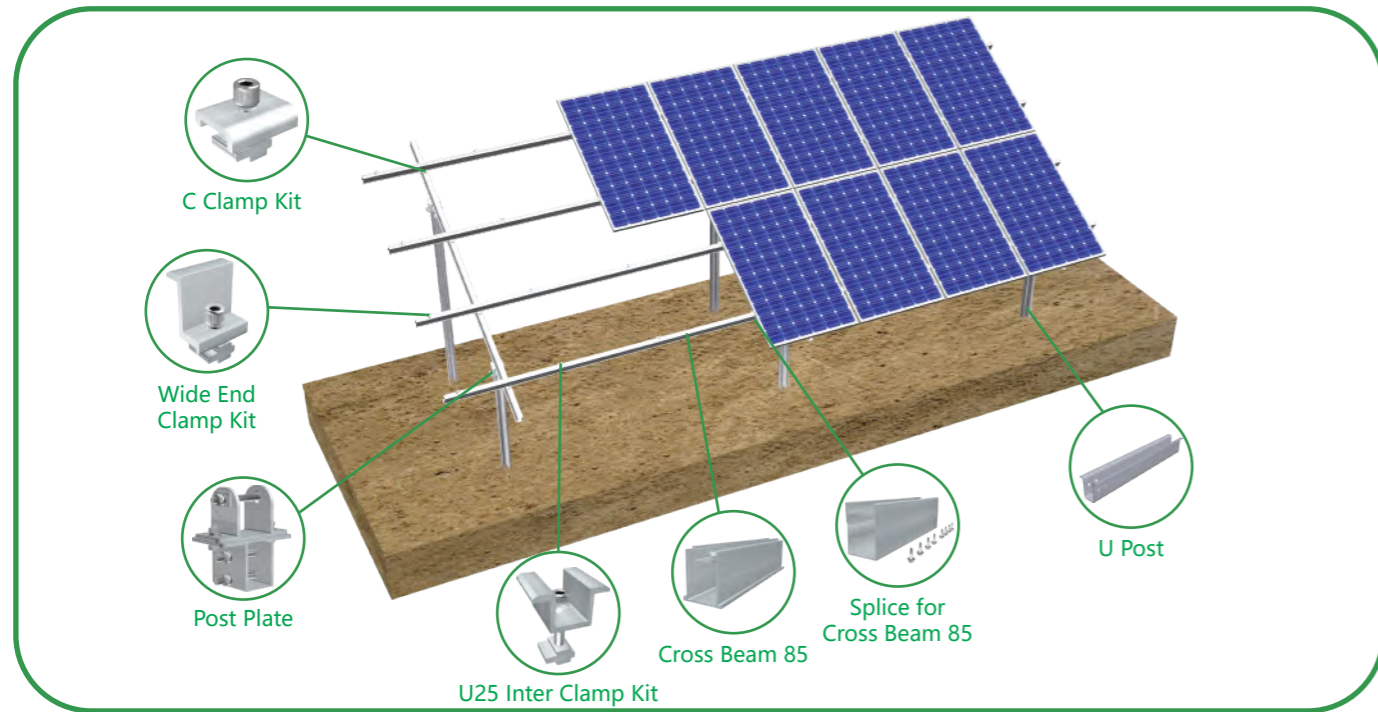


MRac® Ground Terrace GT8



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/m²	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

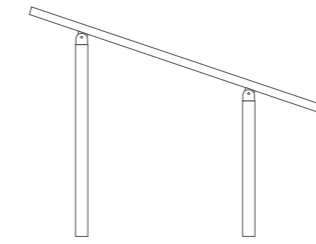
MRac Ground Terrace GT8 is a cost-effective solution applied for the installation of large-scale and utility-scale solar PV power plant. Main components are made of anodized aluminum with good performance of structure strength, stability and anti-corrosion, compatible with varied solar modules. Patented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



Advantages

- > **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.
- > **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

1		Cross Beam 85 Specification: L*71*85 Standard Length: 3100mm, 4100mm, 5100mm	2		Splice for Cross Beam 85 Kit Specification: L260mm Components: Splice for Cross Beam 85, Hexa Self-Tapping Screw, With EPDM Washer ST6.3*19
3		GT8 Pre-assembled Support Components: Beam, C Clamp 80, T Shaped Joint, Flat Washer M8, Spring Washer M8, Hexagon Socket Head Bolt M8*25	4		C Clamp Kit Components: C Clamp, Cross Module, Spring Washer M8, Hexagon Socket Bolt
5		Wide End Clamp Kit Components: Wide End Clamp, Cross Module, Spring Washer M8, Hexagon Socket Bolt	6		U25 Inter Clamp Kit Components: U25 Inter Clamp, Cross Module, Spring Washer M8, Hexagon Socket Bolt
7		Post Plate A Specification: L90 Material: AL6005-T5 (Anodized)	8		Post Plate B Specification: L70 Material: AL6005-T5 (Anodized)
9		U Post Specification: L150 Material: Steel Q235B (Hot-Dip Galvanized)			

Installation Guide

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