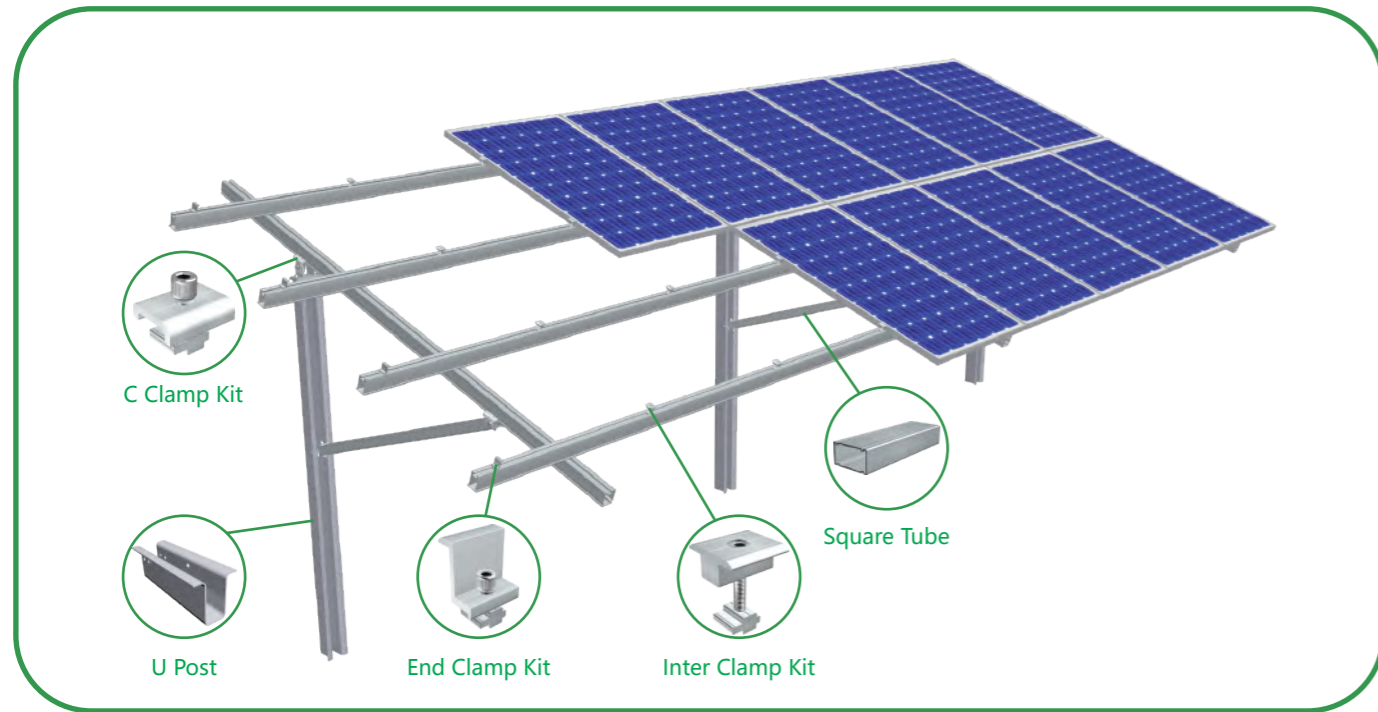


# MRac<sup>®</sup> Ground Terrace GT2

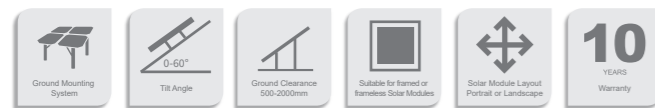


## Technical Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170, DIN 1055, JIS C8955: 2017,
Foundation	U Post		International Building Code IBC 2009,
Tilt Angle	0-60°		California Building Code CBC 2010;
Wind Load	60m/s	Material	Steel 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

## Overview

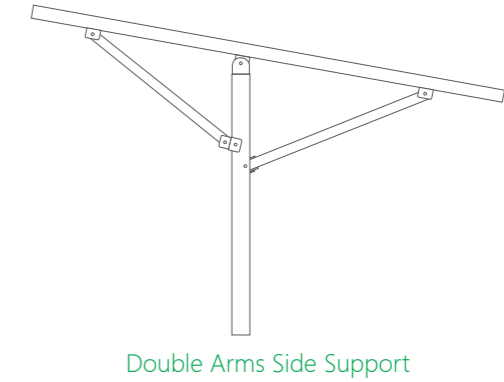
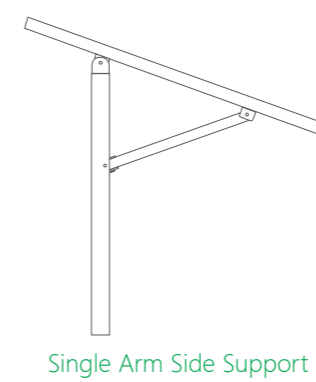
MRac Ground Terrace GT2 is a highly pre-assembled ground mounting system, which can be applied to the installation of large commercial and utility scale solar PV projects. Made of high quality aluminum material, GT2 has excellent corrosion resistance performance. The single-pile patented structure design 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.
- > **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.
- > **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.

## Structure



## Component Details

- Rail 85**  
Specification: L\*63.5\*85  
Standard Length: 3100mm  
4100mm  
5100mm
- Splice for Rail 85**  
Specification: L260mm  
Components: Hexa Self-Tapping Screw  
With EPDM Washer  
ST6.3\*19
- GT2 Pre-assembled Support**  
Components: U Beam; T Shape Jointer; C clamp Kit  
Pre-Assembled Square Tube  
Spring Washer M12; Washer M12  
Hexagon Nut M12;  
Hexagon Bolt M12\*95  
Hexagon Bolt M12\*75
- C Clamp Kit**  
Components: C Clamp  
Cross Module  
Spring Washer M8  
Hexagon Socket Bolt
- End Clamp Kit**  
Components: End Clamp  
Cross Module  
Spring Washer M8  
Hexagon Socket Bolt
- Inter Clamp Kit**  
Components: Inter Clamp  
Cross Module  
Spring Washer M8  
Hexagon Socket Bolt
- Post Plate**  
Material: AL6005-T5 (Anodized)  
Specification: Plate A: L90  
Plate B: L70
- U Post**  
Material: Steel Q235B (Hot-Dip Galvanized)

## Installation Guide

1. Pile GT2 U Post into ground by pile driver.
2. Install Square Jointer Kits onto GT2 U Post.
3. Connect the preassembled support with U Post and Square Jointer.
4. Fasten the rail by C Clamp Kit.
5. Fasten the solar panels by Inner Clamp Kits and End Clamp Kits.
6. Installation completed.