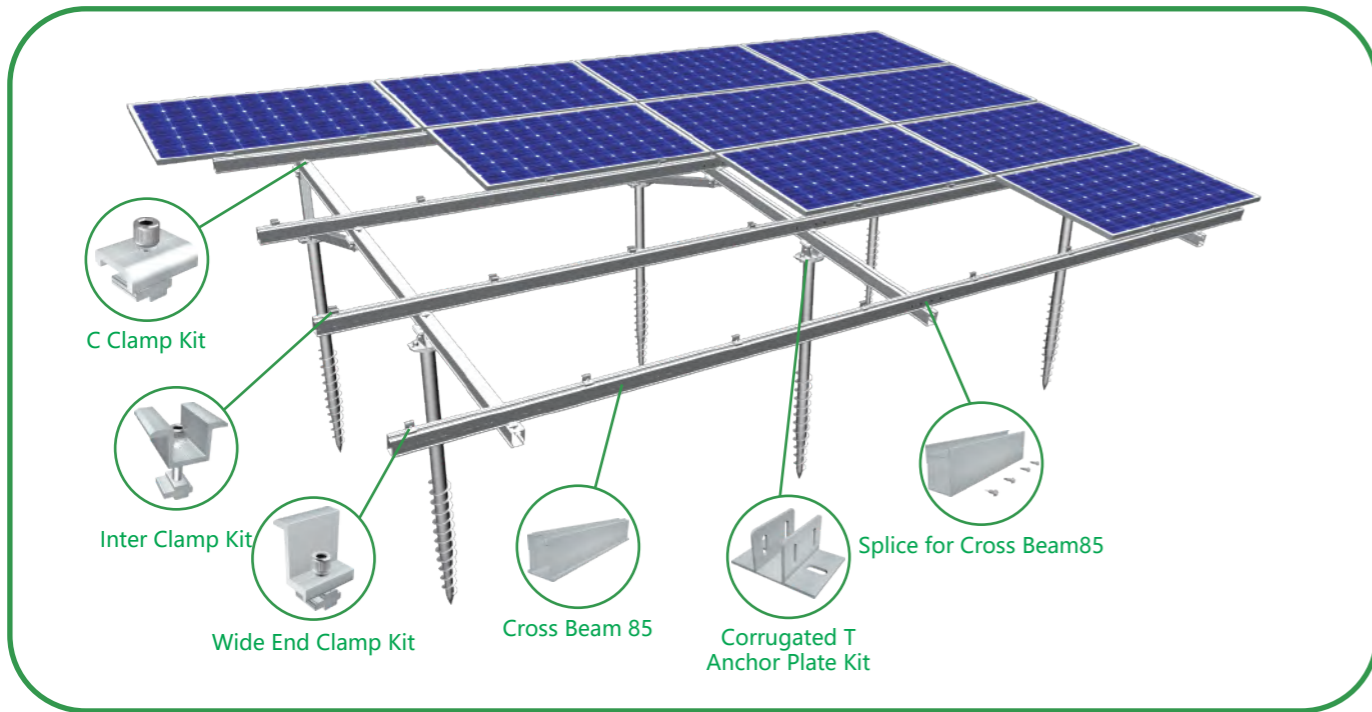


MRac[®] Ground Terrace GT5



Technical Parameters

Installation Site	Ground	Design Standard	AS/NZS 1170 , DIN 1055 , JIS C 8955: 2017 ,
Foundation	Concrete Foundation, Ground Screw		International Building Code IBC 2009 ,
Tilt Angle	0-60°		California Building Code CBC 2010
Wind Load	60m/s	Material	AL6005-T5(Anodized)
Snow Load	1.6KN/m ²	Fastener	SUS304 & Zinc-Nickel Alloy Electroplated Steel
Ground Clearance	500-800mm	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

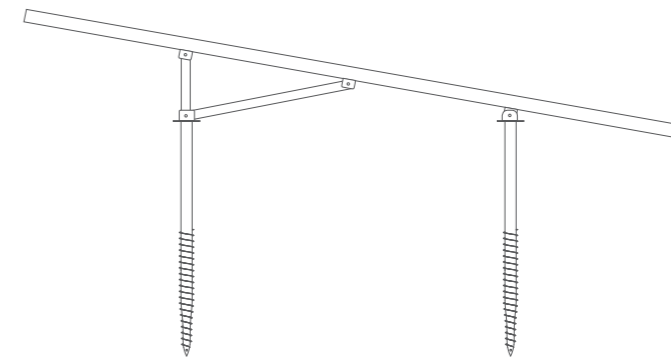
MRac Ground Terrace GT5 is a highly pre-assembled ground mounting system, with strong wind load and snow load resistance. The system can achieve minor adjustment onsite with special design of Anchor Plate to adapt to different sites, and is mainly applied to medium to large scale solar PV projects. Patented 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.
- > **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.
- > **Quick Modular Kit Fixation**
Most of the components are designed as modular kit with anodized aluminum to further ensure easy and fast construction on site.
- > **No Front Post Design**
Saving material cost without front post design, suitable for low ground clearance projects.

Structure



Component Details

<p>1</p> <p>Cross Beam 85 Specification: L*71*85 Standard Length: 3100mm 4100mm 5100mm</p>	<p>2</p> <p>Splice for Cross Beam85 Specification: L260mm Components: Hexa Self-Tapping Screw With EPDM Washer ST6.3*19</p>
<p>3</p> <p>GT5预装支架 Components: Flat Washer, Spring Washer Hexagon Nut;Hexagon Bolt Hexagon Socket Head Bolt T shaped Joint;Square Tube Beam;C Clamp</p>	<p>4</p> <p>C Clamp Kit Components: C Clamp Cross Module Spring Washer M8 Hexagon Socket Bolt</p>
<p>5</p> <p>Wide End Clamp Kit Components: Wide End Clamp Cross Module Spring Washer M8 Hexagon Socket Bolt</p>	<p>6</p> <p>Inter Clamp Kit Components: Inter Clamp Cross Module Spring Washer M8 Hexagon Socket Bolt</p>
<p>7</p> <p>GT5 Corrugated T Anchor Plate Kit Components: Corrugated Gasket Corrugated T Plate Hexagon Bolt Kit M12*95 Material: AL6005-T5 (Anodized)</p>	<p>8</p> <p>T Anchor Plate Components: T Anchor Plate Hexagon Bolt Kit M12*95</p>

Installation Guide

<p>1</p> <p>Fasten Corrugated T Anchor Plate Kit and T Anchor Plate onto Concrete Base through Embedded Bolt.</p>	<p>2</p> <p>Install GT5 Preassembled Support.</p>	<p>3</p> <p>Connect GT5 Preassembled Support with T Anchor Plate Kit and tight them.</p>	<p>4</p> <p>后立柱和斜立柱分别和T形波纹底座锁紧</p>	<p>5</p> <p>Repeat steps 2,3,4.</p>
<p>6</p> <p>Install Cross Beam.</p>	<p>7</p> <p>Fasten solar panels by End Clap Kit and Inner Clamp Kit.</p>	<p>8</p> <p>Installation completed.</p>		