



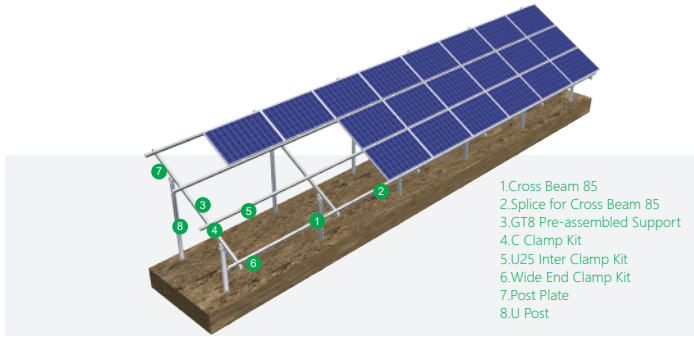
do My Best, to be the best!

MIBET ENERGY

MRac Ground Terrace GT8

Overview

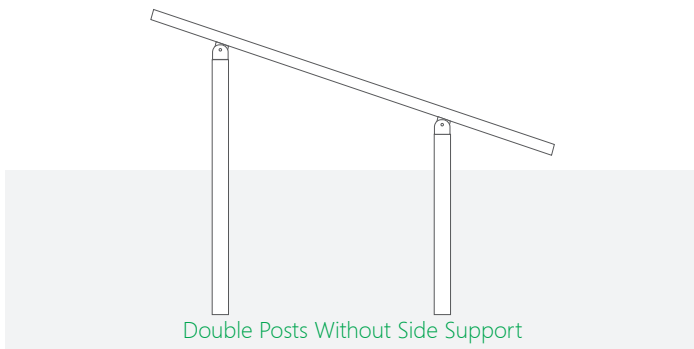
MRac Ground Terrace GT8 is a cost-effective solution applied for the installation of large-scale and utility-scale solar PV power plant. Main components are made of anodized aluminum with good performance of structure strength, stability and anti-corrosion, compatible with varied solar modules. Patented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



1. Cross Beam 85
2. Splice for Cross Beam 85
3. GT8 Pre-assembled Support
4. C Clamp Kit
5. U25 Inter Clamp Kit
6. Wide End Clamp Kit
7. Post Plate
8. U Post



Mounting Structure



Double Posts Without Side Support

Features

- **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.

Technical Parameter

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

Certified by TUV, SGS and qualified consultants in AU, JP, ASEAN, CN, UK, EU, US



Component List



Cross Beam 85

Specification: L*71*85
Standard Length:
3100mm
4100mm
5100mm

Splice for Cross Beam 85

Specification: L260mm
Hexa Self-Tapping Screw
With EPDM Washer
ST6.3*19

GT8 Pre-assembled Support

Beam
C Clamp 80
T Shaped Joint
Flat Washer M8
Spring Washer M8
Hexagon Socket Head Bolt M8*25

C Clamp Kit

C Clamp
Cross Module
Spring Washer M8
Hexagon Socket Head Bolt

U25 Inter Clamp Kit

Cross Module
Spring Washer M8
Hexagon Socket Head Bolt

Wide End Clamp Kit

Wide End Clamp
Cross Module
Spring Washer M8
Hexagon Socket Head Bolt

Post Plate

Material: Al6005-T5
Post Plate A: L90
Post Plate B: L70

U Post

Specification: L*90*95
Q235B
(Hot-Dip Galvanized)

