

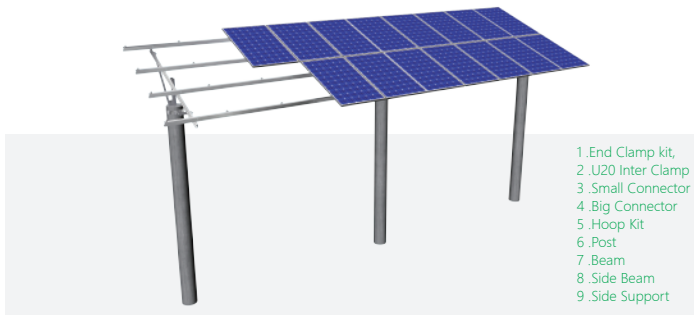


do My BesT, to be the best!

MIBET ENERGY

MRac Concrete Pile High Elevation Mounting System

Overview

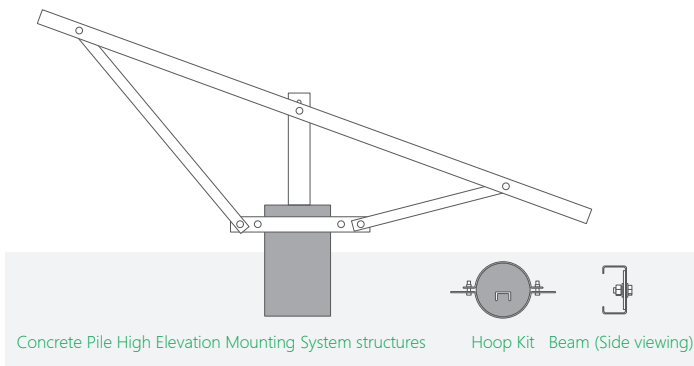


1. End Clamp kit
2. U20 Inter Clamp
3. Small Connector
4. Big Connector
5. Hoop Kit
6. Post
7. Beam
8. Side Beam
9. Side Support

MRac Concrete Pile High Elevation Mounting System is applied to fish Pond, flood area and sandy land solar PV projects. Main components are made of hot-dip galvanized steel, with good performance of structure strength, stability and anti-corrosion, compatible with varied solar modules. Unique piles and structure design save installation time and cost.



Mounting Structure



Concrete Pile High Elevation Mounting System structures

Hoop Kit Beam (Side viewing)

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-Use of Land or Utilize Waste Land Improve the Economic Benefit**
Install solar projects above the fishpond, achieving the dual-use of land to improve the economic benefit. This system can utilize waste land like flood area or sandy area to save land resources.
- **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.

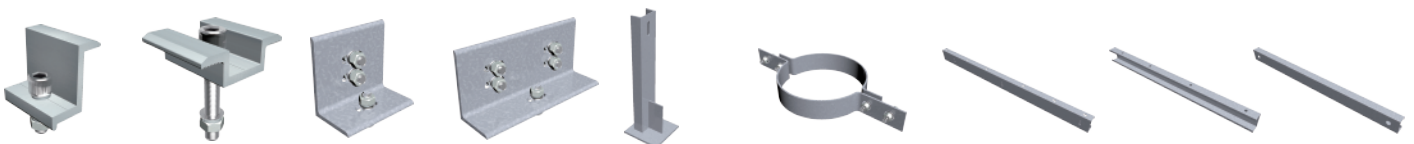
Technical Parameter

Installation Site	Ponds, Reservoirs	Design Standard	AS/NZS 1170, DIN 1055, JIS C8955: 2017,
Foundation	Pre-stressed Concrete Pile		International Building Code IBC 2009,
Tilt Angle	0-45°		California Building Code CBC 2010;
Wind Load	60m/s	Material	Q235B (Hot-Dip Galvanized)&A16005-T5(Anodized)
Snow Load	1.4KN/m ²	Fastener	Q235B (Hot-Dip Galvanized)&Zinc-Nickel Alloy Electroplated Steel
Ground Clearance	400-1200mm	Small Components	A16005-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



End Clamp Kit	U20 Inter Clamp Kit	Small Connector	Big Connector	Post	Hoop Kit	Beam	Side Beam	Front/Back Post
End clamp Cross Module Spring Washer M8 Hexagon Socket Head Bolt	Inter clamp Cross module Spring washer M8 Hexagon Socket Head Bolt	Spec: 80*40*5*40 Flat Washer M12 Spring Washer M12 Hexagon Socket Head Bolt Nut M12 Hexagon Socket Head Bolt M12*30	Spec: 80*40*5*100 Flat Washer M12 Spring Washer M12 Hexagon Socket Head Bolt Nut M12 Hexagon Socket Head Bolt M12*30	Spec: C100*50*15*2*L557 Flat Washer M16 Spring Washer M16 Hexagon Socket Head Bolt Nut M16 Hexagon Socket Head Bolt M16*50	Hoop Spec: 300*5.0*100 Flat Washer M14 Spring Washer M14 Hexagon Socket Head Bolt M12*65	Spec: C100*50*15*2*L4500 Q235B (Hot-Dip Galvanized)	Spec: C10*50*15*2*L2800 Q235B (Hot-Dip Galvanized)	Front Support Back Support Q235B (Hot-Dip Galvanized)

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