

GROUND MOUNT SYSTEM



Key Benefits

- On-site flexibility, no on-site fabrication
- 0°-35° of North/South tilt
- No extensive grading required
- Pre-assembled components
- Click technology components for fast installation
- Non corrosive aluminum
- Shallow embedment
- Multiple footing options

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Würth Ground Mount solar PV mounting system is optimized for quick and efficient installation with a flexible and forgiving foundation, pre-assembled components and compatibility with all module types.

Pre-assembled components

Simplify installation, assembly and on site logistics with pre-assembled components. Click technology allows for on the fly assembly. Universal component clamps work with a wide range of modules.

Engineered Flexibility

Proprietary Bearing block allows $\pm 35^\circ$ degree of tilt and $\pm 8^\circ$ of side to side flexibility. Vertical Post system allows 12 inches of vertical adjustability in the field with no cutting or welding. Systems are scalable and repeatable.

Foundation

Engineered flexibility greatly reduces grading requirements. Shallow embedment speeds up installation and can follow terrain contours. Galvanized steel sigma post is easy to handle and can be pile driven into difficult terrain including gravel and stone. Additional foundation options include welded plate, concrete pour, ballast, and helical pile.

Long Lasting

Aluminum and stainless steel components' natural corrosion resistance decrease maintenance and extend installation lifetime. Aluminum rails are lighter and easier to handle than comparable steel systems, therefore reducing shipping and labor costs.

Project Support

Dedicated representative who can shepherd project from initial quote through final installation. Project specific design to optimize material, installation and logistics. Permitting and kitting packages available.



Installation	Ground Mount, Fixed-tilt
Tilt	±35° adjustability North-South with proprietary Bearing Block
Terrain slope	Maximum terrain slope tilt: ±8° East-West/ ±35° North South
Components	Pre-assembled aluminum components
Module Clamps	Universal clamps with click technology for quick installation of framed or frameless modules
Hardware	Minimal, standardized, stainless steel
Module Orientation	Portrait or Landscape
Grounding	Integrated grounding options available
Fabrication	No on-site cutting or welding required
Vertical Adjustment	12 inches of on site adjustability with no cutting or welding
Footing Type	Galvanized steel driven pile, concrete pour, ballast, helical ground screw, steel plate
Manufacturing	Production on both East and West North American coasts.
Design Standards	Meets IBC 2006/2009, ASCE 7-05, Aluminum Design Manual 2005, AISC 13th Edition codes. Compliant in all North American jurisdictions.
Maintenance	Minimal maintenance of corrosion resistant aluminum and galvanized steel. Easily accessible for grounds and system maintenance
Warranty	10 year material warranty, extended warranty available
Additional Services	On site foundation load analysis, engineering drawings, calculations, wet stamps, mounting and module installation

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**Preassembled,
universal module
clamps**



**Proprietary
Bearing Block
provides ±35°
of tilt**



**Galvanized steel
Sigma post for
driven pile
foundation**