

**FIXED-TILT**



# FLEXRACK SERIES G3-X

Self-Squaring Fixed Tilt Racking

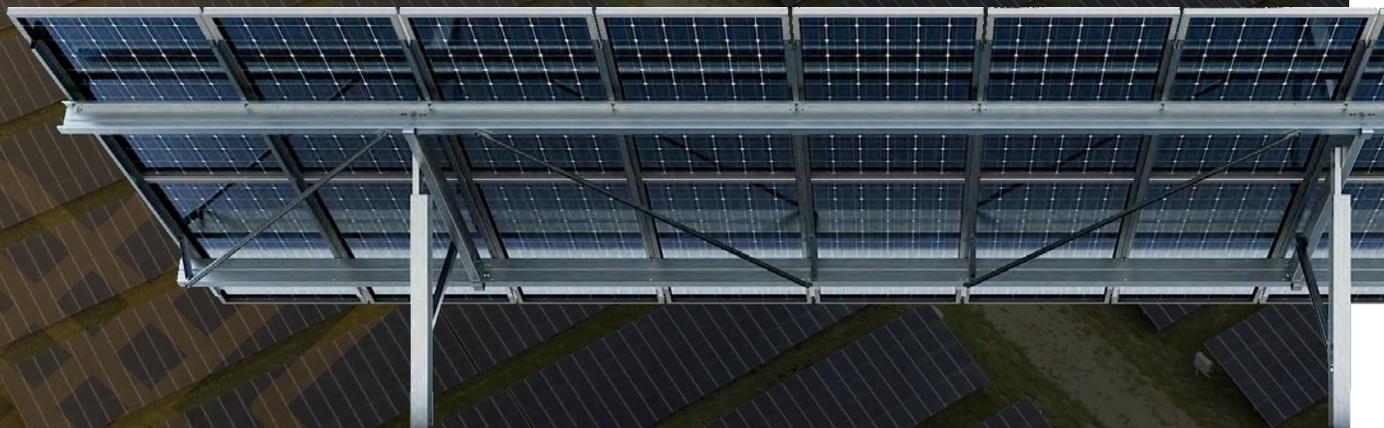
Over 1,000 successfully installed fixed tilt projects

Utilization of high strength steel

Self-squaring rack allows for no hassle module installation

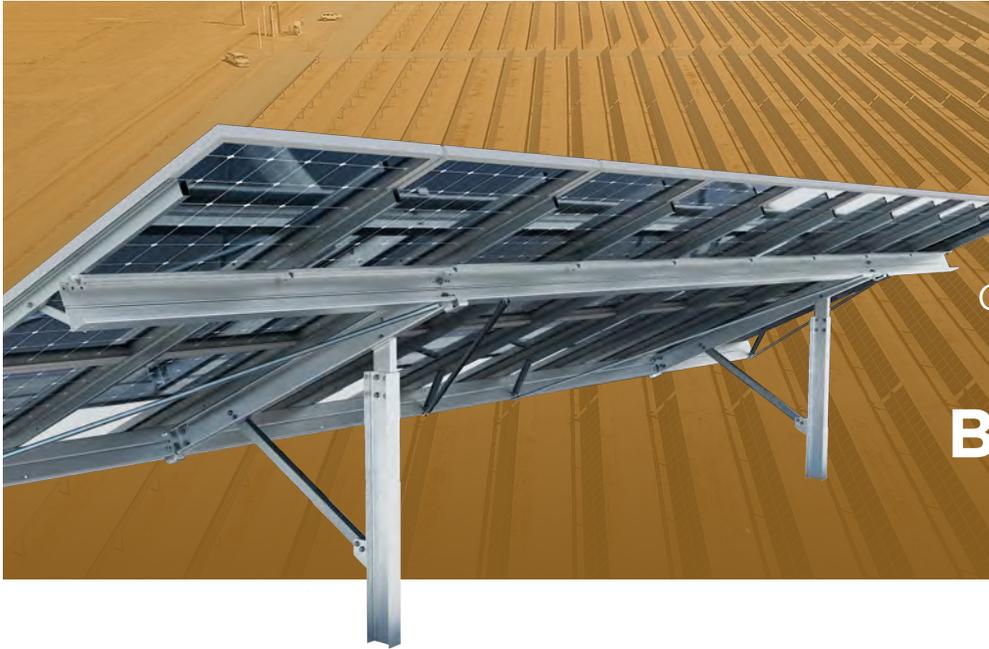
Optimal design for bifacial modules

Generous construction tolerances built into the design



Get in contact with the  
Solar FlexRack team today!

1-888-380-8138 | [SOLARFLEXRACK.COM](https://www.solarflexrack.com)



Ground mount G3-X fixed-tilt compatible with all modules

# BEST-IN-CLASS DESIGN

## Design features

- Available in Portrait and Landscape
- Self-squaring
- Availability in any table configurations and tilt angles
- Compatibility for all modules including LFM and FS6

## NEARLY 50 YEARS & OVER 3 GIGAWATTS

Solar FlexRack, a division of Northern States Metals, is an integrated solar company that offers custom-designed, fixed tilt ground mount and single-axis solar tracking systems in the commercial and utility-scale solar mounting industries. Solar FlexRack also offers full services, including engineering, geotechnical, pullout testing, field, and layout design services to address the actual site conditions of a project site. Solar FlexRack has completed over 3 GW of solar racking installations in over 40 U.S. states and across the globe.

MATERIALS	
<b>Hardware</b>	Mounting hardware is Magni 560, HDG coated standards. Stainless available upon request.
<b>Racking Structure</b>	G 90 galvanized steel standard. Higher coatings available for high corrosion areas
<b>Foundations</b>	Hot Dipped Galvanized A123, Pre-Galvanized G90
DESIGN	
<b>Orientation</b>	Landscape or Portrait
<b>Tilt Angle</b>	5° - 45° (custom tilts can be accommodated)
<b>Adjustability</b>	20% E/W Landscape, 20% E/W Portrait
<b>Wind Speed</b>	Any
<b>Snow Load</b>	Any
<b>Module Accommodation</b>	All modules
<b>Module Mounting Type</b>	Direct bolt to vertical rails (bonded connection)
<b>Foundation Accommodation</b>	W-Section, SmartPost, Round Post, Helical Pier, Ballast, Ground Screw
<b>Warranty</b>	20 Years
CERTIFICATIONS AND TESTING	
<b>UL Compliance</b>	UL 2703 (Issue 2) compliant.
<b>Wind Tunnel Testing</b>	CPP third party testing laboratory
<b>Structural Connection Testing</b>	Accutek Testing Laboratory
<b>Code Compliance</b>	Racks are designed using local environmental loads (wind, snow, and seismic) per the governing and/or local building codes
<b>Finite Element Modeling</b>	Risa 3D
<b>Engineering</b>	PE stamped drawings and calculations
SERVICES	
<b>Geotechnical Engineering</b>	Field investigation and engineering, laboratory testing, engineering analysis, push/pull tests, foundation design
<b>Structural/Civil Engineering</b>	Preliminary investigation, engineering, layout
<b>Training</b>	Onsite installation training at no additional cost