

Solar FlexRack

Complete Suite of Services



B SERIES
ballasted

FLEXTRACK
tracker

G3-X SERIES
*ground/
field assembled*

We make your life easier

Solar FlexRack is different. We don't just offer our innovation through best-in-class solar racking solutions. We understand the complexities that come with every solar project and offer the expertise needed to ensure your project success. We offer an experience beyond products and services that has made us a leader in the industry, an experience defined by flexibility, understanding, and commitment to giving you the best.

+ Racking Solutions for Any Job

The speed and efficiency of Solar FlexRack's patented racking solutions can be invaluable on any jobsite. Offering a full suite of innovative products including fixed ground, ballasted, and single-axis tracking solutions Solar FlexRack has the products and services necessary to make your projects successful.



Pullout testing

Onsite pullout testing measures vertical and lateral strength of the recommended post using SFR's proprietary data acquisition system. The data is analyzed in accordance with a geotechnical report to authenticate proposed design options, minimizing embedment depths and ensuring appropriate length and thickness of post needed to minimize overall project costs.



Geotechnical services

Our in-house professional geologist and licensed geotechnical engineer analyze soil reports, recommend optimal foundation designs, and determine proper embedment depths based on site specific conditions. Final post and support designs are also PE stamped.



Field services

Online pre-construction training course available to ensure all proper installation techniques are being followed correctly and efficiently. The technician will work directly with your installation team, training them on the most effective installation methods for all SFR products. A SFR field technician is available on site upon request.



Layout services

SFR can provide site specific layouts using PVcase software accounting for topography.



Engineering services

We assign a project engineer to every client proposal to "value engineer" the racking structure for specific site conditions, ensuring the most economical and structurally stable solution. With a full team consisting of structural PE's, a licensed geotechnical engineer, an electrical engineer, and several mechanical and structural designers, we offer all the services needed for your solar project. Our services also include full PE stamped drawing packages, including ground-penetrating and ballasted foundation design and structural analysis software to analyze every racking system.

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.