NEXTracker Mounting Solution:
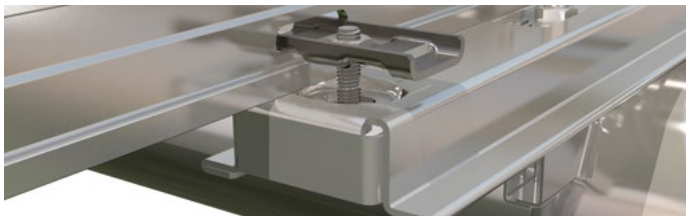
First Solar Series 6 Modules

As the premier solar tracking company, NEXTracker partners with module manufacturers to bring world-class PV mounting solutions to our customers. Building on the balanced design of our award-winning NX Horizon™ self-powered tracker, NEXTracker has mounting solutions to support a wide range of module types. Flexible and adaptable, NX Horizon is now available for First Solar Series 6™ thin film modules, with optimized row configurations and unique mounting options for ultimate performance and reliability.

Features and Benefits

NEXTracker uses a bottom clamp system for installing First Solar Series 6 modules. In this system a shared rail self-locates underneath the frames of two adjacent modules. A single set of clamps are mounted to this rail, which are used to secure the two modules. During installation, the clamps pass through the module frame mounting slots and are then tightened to the mounting rail.

Error-Proof Rail Alignment
Module rails self-align and self-position on torque tubes in seconds, ensuring proper rail spacing without fixtures or jigs.

Secure Mounting & Grounding
The S6 bottom-clamp mounting system ensures secure module installation and is being qualified by First Solar through comprehensive load testing. Grounding of the module frame to the tracker structure is built-in to the rail system, without need for additional grounding components.

More Modules Per Row
NX Horizon's balanced design is uniquely suited to large-format modules with dual-glass construction. Longer rows improve tracker economics and simplify DC wiring. No string jumpers are required to span row-balancing bearing housings.

Site Condition Flexibility
NX Horizon with First Solar Series 6™ can be configured to a wide range of site conditions:
- Wind: Standard solutions for up to 130 mph. Customized solutions available
- Site Slope: Up to 15% N-S slope
- Corrosion: Multiple coating options available
- Flooding: All NX Horizon trackers provide 42" of flood clearance standard

Contact us for your quote today: salesteam@nextracker.com