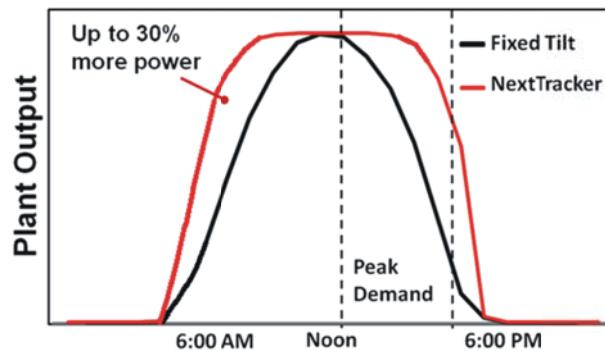


**About Jinshan Solar**

Founded by a group of engineers from Silicon Valley, Jinshan specializes in providing industry leading cost and reliable solar tracking solutions. Products and technologies Jinshan’s engineers developed have been successfully implemented for more than 200 MWp power plants around the world.



NextTracker produces up to 30% more power with minimal incremental costs, thus maximizes the return on investment (ROI) for solar projects.



**MORE ENERGY**

Produces up to 25% (NextTracker v1.0) or 30% (NextTracker v2.0) more energy than fixed tilt systems while using the same amount of modules and inverters.

**MORE RELIABLE LESS DOWN-TIME**

Requires substantially less moving parts (as minimal as 2 motors) per MW, the costs for tracker O&M and system down-time are minimized.

**LOWER LCOE HIGHER IRR**

Lowers levelized cost of energy (LCOE) and increases project internal rate of return (IRR) since NextTracker helps increase production output while minimizing additional costs in installation, operation, maintenance, tracker foundations, trenching and cabling.

**FULLY SCALABLE**

Scales easily from small to large multi-megawatt installations with our standardized or customized solutions.

## Product Specifications

Tracking Type	Single axis with backtracking
Tracking Range	±80 degrees
Tracking Accuracy	< ±0.5 degrees
Control System	Astronomical tracking with GPS input
PV Areas Driven by One Motor	Up to 2000-4000 m <sup>2</sup>
Capacity per Tracker Block	Up to 700 kWp
Quantity of Motors per MWac	2-4
Drive Type	Electric slewing or linear actuator
Motor Type	0.5 to 1.0 HP, 3 phase, 380-480V AC
Dry Slide Bearings	Abrasion resistant, no lube required
Protection Grade	Up to IP67
Ground Coverage Ratio	0.3-0.5
Land Use per MWac	Approx. 5.0 acres
Land Slope	Up to 10 degrees
Tracker Block Sizes	North-South: 30-50m; East-West: 100-350m
Module Supported	Crystalline & thin film; framed & unframed
Structural Materials	Hot Dip Galvanized high strength steel
Maximum Design Wind Speed	140 mph, 3-second gust
Windstorm Protection	Auto stow, programmable
Codes and Standards	EN, IBC, ASTM, GB, NEC, UL
Standard Warranty	5 years parts and workmanship, Extendable to 25 years
On-site System Commissioning	Yes

## Other Products and Services

Standardized or Customized Tracker Solutions	Tracker Installation and Commissioning
Performance Analysis and Monitoring Services	Full Life Tracker Warranty and O&M
Design and Construction Value Engineering	Low Cost and High Speed Driven Pile Foundations