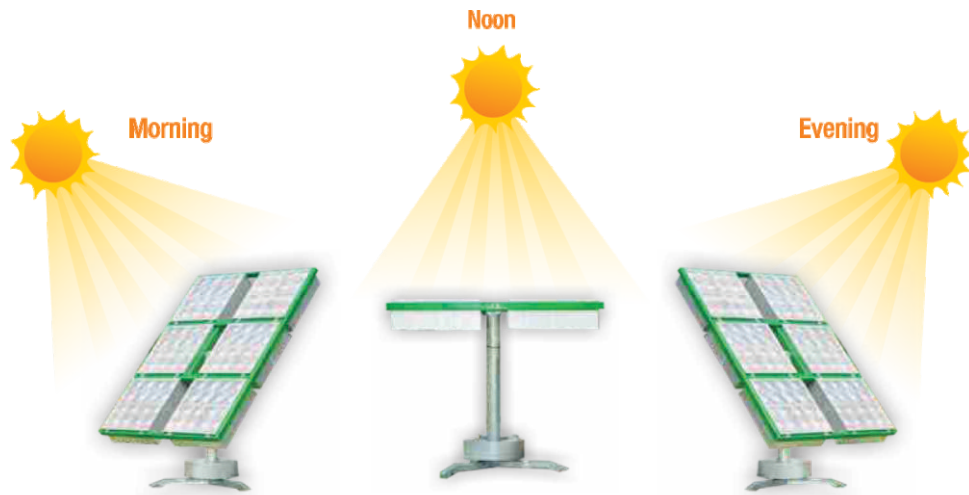




Automatic **Solar Tracking System**

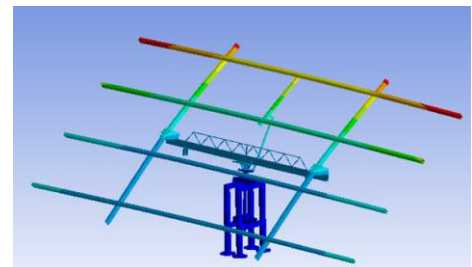
Working Principle



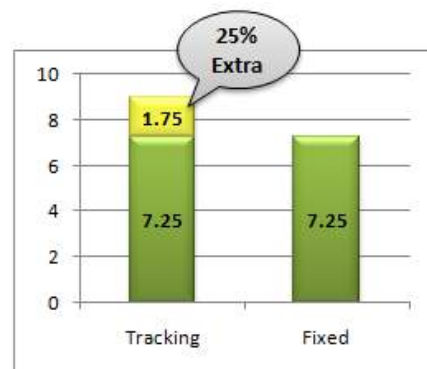
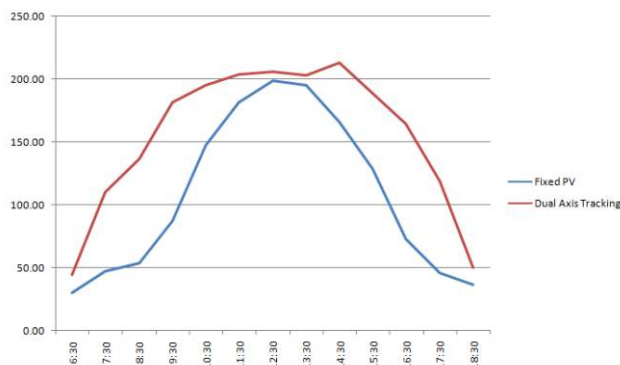
Special Features

- 25% - 35% extra power generation than a fixed PV system
- Very lesser additional cost of investment
- Faster Return on Investment (ROI)
- High Precision & Maintenance Free Tracking Drive
- Tracking Accuracy of < 0.1 degree
- Lubrication Free Bearings

Deformation Analysis



Performance Data

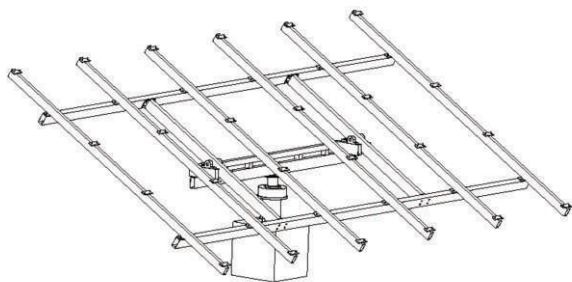


Horizontal Tracking System



| Specifications | |
|---------------------|-----------------------------|
| Tracking Accuracy | < 1 degree |
| Tracking Range | 45 deg East to -45 deg West |
| Tracking Capacity | 5000 Wp |
| Designed Wind Speed | 140 Km/Hr |
| Structures | MS - Hot Dip Galvanized |
| Controller Warranty | 2 years |
| Mechanical Warranty | 10 years |
| Extra Yield | 25% |

Polar Tracking System



| Specifications | |
|---------------------|-------------------------|
| Tracking Accuracy | < 0.1 degree |
| Tracking Range | 360 degree |
| Tracking Capacity | 2500 Wp |
| Designed Wind Speed | 140 Km/Hr |
| Structures | MS - Hot Dip Galvanized |
| Controller Warranty | 2 years |
| Mechanical Warranty | 10 years |
| Seasonal Tilting | Available (Manual) |
| Extra Yield | 32% |

Dual Axis Tracking



| Specifications | |
|---------------------|-------------------------|
| Tracking Accuracy | < 0.1 degree |
| Azimuth Range | 360 degree |
| Altitude Range | upto 70 degree |
| Tracking Capacity | 3500 Wp HCPV Module |
| Designed Wind Speed | 140 Km/Hr |
| Structures | MS - Hot Dip Galvanized |
| Controller Warranty | 2 years |
| Mechanical Warranty | 10 years |
| Seasonal Tilting | Automatic |
| Extra Yield | 40% |



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