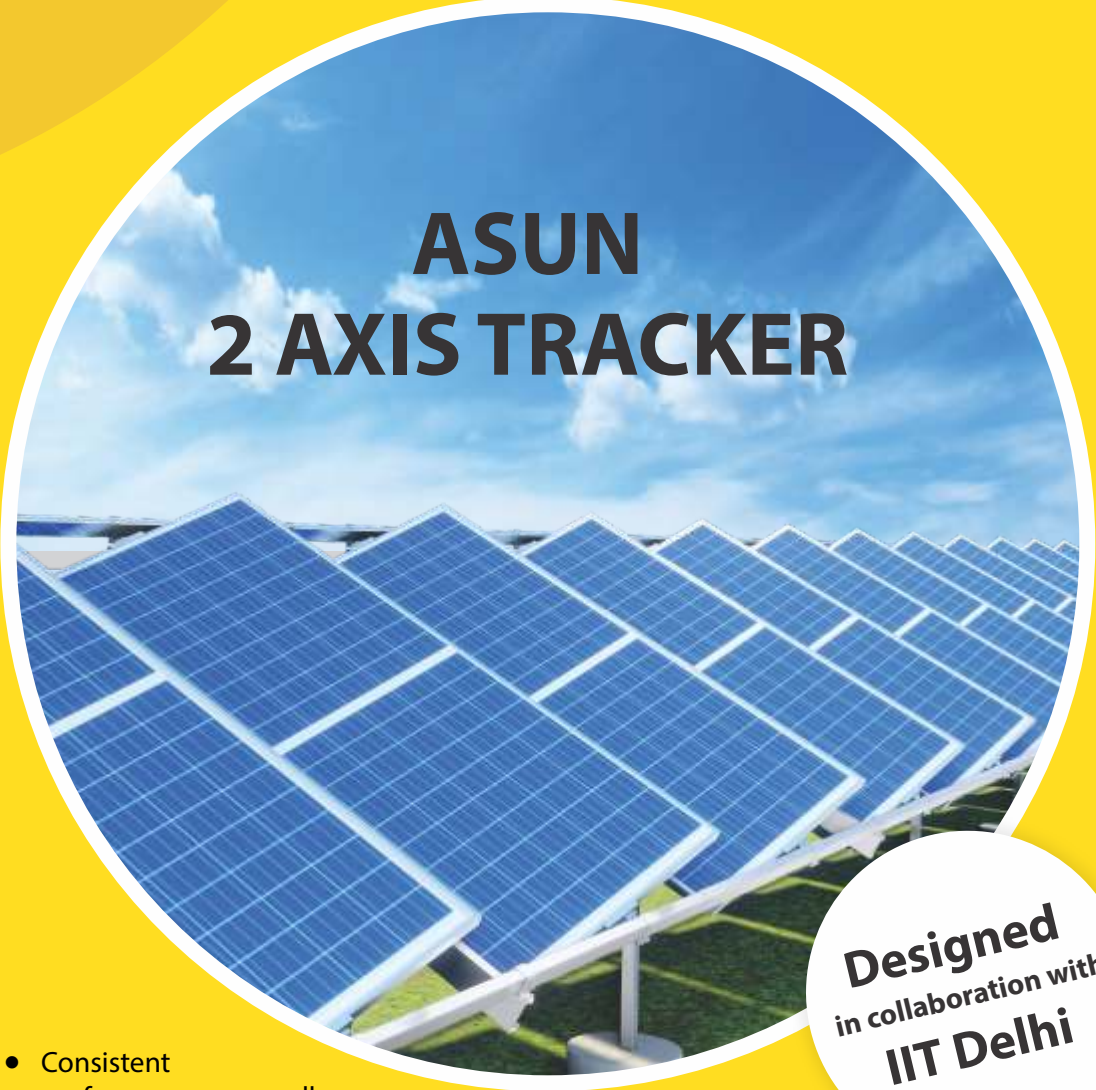


DUAL AXIS PERFORMANCE AT SINGLE AXIS COST



ASUN 2 AXIS TRACKER

Designed
in collaboration with
IIT Delhi

- Consistent performance across all seasons.
- Tracks the sun East to West as well as North to South simultaneously
- Designed to withstand wind speeds upto 170 kmph
- Highly optimised structural design with high terrain adaptability
- A performance gain of 50% to 200% over the Single Axis Tracker

Innovative design delivers higher performance with Bi-facial modules as compared to any other MMS.

For more information visit:
www.asuntracker.com

Or write to:
info@asuntracker.com

ASUN 2 AXIS SOLAR TRACKER

TECHNICAL DATA SHEET

■ ELECTRONICS

Power	: AC/DC/Self
Tracking Technology	: 2-Axis Smart Tracking (East-West & North-South)
Tracking Method	: Based on Sun position, GPS, Date & Time
Controller Feature	: Self configuring, tracks E-W and N-S daily
Tracking Accuracy	: Typical $\pm 1^\circ$
Tracking E-W angle	: $\pm 45^\circ$
Tracking N-S angle	: 50° towards South and 20° towards North
Backtracking	: Along both Axis, E-W and N-S
Night Time	: Stow position (0° to 10°)
High Wind	: Stow position (0° to 10°)
Rain/Snow	: Safe position (0° to 10°)
Remote Monitoring	: Through website
Control Method	: Wired/ Wireless(optional)
Protection	: IP65/66
Operating Temperature	: Tested to 60°C
Power Backup for Tracking	: Uninterruptible power supply
Power Consumption	: $<1\%$ of system output
Spares	: Actuator 1 set, controller 1 set

■ MECHANICAL

Module Configuration	: Portrait Single
Module Compability	: Compatible with all standard modules
Accommodation	: 20 - 30 modules in a row
Tracking Accuracy	: Typical $\pm 1^\circ$
Ground Slope N-S	: Unlimited
Ground Slope E-W	: 10° - 20°
Material Structure	: MS (Hot dip galvanized)
Bearing	: Self Lubricating Polymer
Hardware	: HDG-Zinc Coating
Wind load	: 170 kmph, stow position above 60 kmph
On site welding	: Not Required
Ground Coverage Ratio	: Configurable, typical 1:1.30 – 1:1.40
Useful design life	: Over 25 years

■ WARRANTIES

Electronics	: 2 Years
Actuators	: 2 Years
Structure	: 10 Years

Contents subject to change without prior notice

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For more information, please contact on the coordinates given alongside.



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