



- Automated tracking of daily and seasonal movement of sun
- Yield of solar PV system is increased by 35-40%
- From 4 panels to 20 panels – custom configuration to suit your PV system
- Full range of azimuth (0-270°) and elevation angles (0 to 60°) traversed by sun along solar path
- Tracking is based on astronomical algorithms and not affected by cloudy or sunny days
- Pole made from hot dipped galvanized steel, other structural elements from anodized aluminum
- Wind gusts of 30m/s
- Concrete or grounding screw foundation
- Overwind protection available
- Remote Monitoring (Optional)

TECHNICAL SPECIFICATIONS:

	NI-DAT-24	NI-DAT-36
Max Module Area	24 sq. m	36 sq.m
Max No of solar panels	12 panels of 280-300W	18 panels of 280-300W
Layout	3X4	3X6
Weight Without Modules	Approx 780 kg	Approx 1000kg
Tracking method	Astronomical algorithms	
Tracking Control	Microcontroller	
Elevation Positioning	Linear Actuator	
Elevation Range	0 to 60 degrees	
Azimuth Positioning	Slew Drive or Actuator	
Azimuth Range	0 to 270 degrees	
Positioning accuracy	0.5 degrees	
Material Specification	Hot dipped galvanized steel pole, with anodized Al rails	
Foundation	Concrete or grounding screw	
Wind Speed Resistance	30m/s	
Power Supply to Motors	24V DC	
Overwind Protection	Programmable	
Remote Monitoring	Optional	
Warranty	10 years on mechanical, 2 years on electrical parts including actuators and drives	