

Specifications:

1. Tracker principle:	controls azimuth angle according to astronomical sun positioning
2. Tracking axis:	single axis
3. Backtracking:	available for single axis horizontal plane.
4. Size:	170mm x 120mm
5. Input voltage:	24VDC
6. Enclosure:	IP65 ABS grade.
7. Termination:	IP65 graded ABS glands – 3 nos.
8. Output:	24V output to actuator up to 10A load.
9. Resolution:	0.1 degrees.
10. Axis angle:	settable up to +/- 60 degrees.
11. Operating voltage range:	15V DC to 36V DC
12. Control action:	automatic closed loop using inbuilt inclinometer for angle feedback
13. Communication :	Hardware: RS-485 Protocol: Modbus RTU Baud Rates: 9600/19200/38400/57600/115200 Function Codes support : 03,04,06 Modbus ID: Settable from 1 to 240.
14. Display:	16 x2 alphanumeric LCD display
15. Timing:	Inbuilt using highly accurate RTC with independent battery backup.
16. Accuracy:	less than +/- 1 degree error for range +/-60.0 degrees.
17. Safety features:	a. Reverse polarity protection for unit b. Voltage spike suppression. c. Fuse protection for load with Open Fuse indicator