



SunAuto High Accuracy Sun Tracker

SunAuto high accuracy sun tracker is equipped with GPS tracking program and active tracking sun sensor, self feedback tracking. Which enable the Sun Tracker following the sun automatically without the support of a PC. In the scenario when the sun is not visible, system will automatically initiate GPS tracking program. When the sun is visible, the system will initiate active tracking sunsensor. Self feedback GPS tracking mode and active tracking sun sensor mode can be automatically switched, working collaboratively to track the sun with less than 0.1° pointing accuracy.

SunAuto high accuracy sun tracker is easy to install. It is virtually maintenance-free installed. The tracking system is at standby mode at night time.



SunAuto high accuracy sun tracker includes : swivel table, tripod, top mounting plate(for Pyranometer mounting), side mounting plate (for Pyrhemometer, active tracking sun sensor, GPS antenna etc.). Shading ball assembly, etc.

SunAuto high accuracy sun tracker is capable of mounting two Pyranometers(for global or diffuse solar radiation) and two Pyrhemometers.

Specifications	SunAuto high accuracy sun tracker
Pointing accuracy	<0.1
Resolution	0.0007
Payload balanced	<15.5kg
Horizontal angular velocity	0.01 60 /s
Vertical angular velocity	0.01 30 /s
Power supply	DC24V 2A
Power consumption	24W
Operating temperature	-20°C~50°C Standard model -40°C~50°C(On-filed model)
Rotation Angle	360°azimuth115°pitch angle
Dimensions	249mm 230mm 302mm excludingtripod
Weight	13kg tracker
Top mounting plate	For mounting Pyranometers
Shading ball assembly	2 adjustable shading ball available

