MADE IN USA

DUAL AXIS
SOLAR TRACKER CONTROLLER
www.SolarStalker.com

We Stalk The Sun!

Solar Tracking Control with Hi-Wind Speed Parking!

The NEW STA2000-HW Dual/Single Axis Solar Tracker Controller offers user configurable operation AND a new and exclusive Hi-Wind Speed Parking feature.

After investing a lot of time and money in your solar system, a big fear is what happens when high winds suddenly appear. If the solar panels are not positioned in a way that offers the least resistance to wind, severe damage to your structure can result. To aid in avoiding this, one must constantly keep an eye on current weather conditions and manually position the panels to a safer horizontal position when high winds are forecast to arrive.

Imagine a system controller that will do this automatically!
We did!
...and the STA2000-HW can!

In addition to all of the normal tracking features, the STA2000-HW includes a user configurable Hi-Wind Speed parking feature. By enabling this feature, you can set the desired wind speed trigger from 5 to 65 MPH. The included anemometer provides constant monitoring of wind speeds and in the event of a Hi-Wind Speed event, the system will immediately seek a safer horizontal position, minimizing the risk of possible wind damage. As high winds continue, the STA2000-HW will hold that position until wind speeds subside to a safe level once again, upon which, normal tracking will result.

Features
• Dual or Single Axis Operation
• Selectable single EW axis control , Single NS axis or Dual axis Control
• Hi – Wind Speed Detection
• Compatible with Both Rotating (SLEW) EW – Axis and Common Tilting axis systems
• Selectable Northern and Southern Hemisphere operation
• HIGH or LOW Sensitivity Setting
• Programmable Night time Parking
• Adjustable Dark, Lo-Light and Wake-Up thresholds
• LCD Display for Convenient Real-Time Status
• Auto and Manual modes
• Complete User Configuration via 14 User Menus
• Easy Installation
• 12 – 24vdc Operation
• 10 Amp Per Channel DC Motor Drive Capability
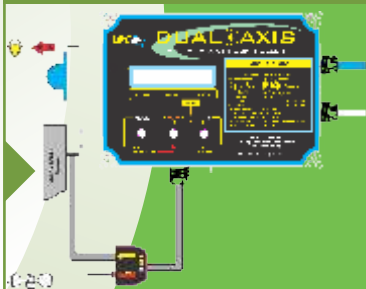• Over Voltage, Over Current and Reverse Polarity Protection
   ...and much more!

Includes
1 – STA2000-HW Controller, Pre wired with 2 foot cables
1 – Remote Solar Sensor with 12 foot cable & Rj45 Termination plug
1 – Anemometer with 40 foot cable with Rj25 Termination plug
1 – Instruction Set

STA2000-HW .... $CALL

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Email: sales@solarstalker.com

Mount the Solar Sensor to your solar frame structure and the Anemometer in a location where wind flow is unobstructed by trees and buildings.

STA2000-HW Controller with Bright LCD Real-Time Status Display.

The included Anemometer mounts easily to a variety of surfaces or can be pole mounted. The 30 ft. cable extends the range and conveniently plugs into the controller interface port.

The Solar Sensor mounts to your solar panel frame structure with the supplied hardware. Plug the sensor into the controller interface via the RJ45 connector. Supplied with a 12 foot cable.