

## Daystar Multi-Tracer Characteristics

- \* Offers a complete solution for long-term testing of PV modules.
- \* Reliable, accurate, low maintenance requirements – Daystar has been selling Multi-Tracers for 8 years.
- \* Individual control of up to 16 PV modules (expandable).
- \* Peak power tracking or constant voltage operation; IV curves at scheduled intervals.
- \* Can measure positive grounded, negative grounded, or floating PV sources.
- \* Two-decade Current Ranges, accuracy ~0.2%
- \* Three-decade voltage ranges, accuracy ~0.2%.
- \* 3200 Watt and 2400 Watt units available (expandable).
- \* Base Multi-Tracer includes 24 thermocouple inputs, Type T standard.
- \* 4-Wire Kelvin load PV connection to measure voltage.
- \* On-board data storage. FTP file transfer.
- \* Universal AC power 85/264 Vac, 50/60Hz.
- \* Operated on Ethernet local area network.
- \* Base Multi-Tracer has 8 analog voltage inputs; auto-scaling 4 decades to  $\pm 5$  Volts.
- \* Voltage, current, irradiance and temperature are saved for each module.

## Daystar Multi-Tracer Software Capabilities

- \* User communications through Firefox browser.
- \* Extensive Help Menu
- \* Data files retrieved with FTP client software.
- \* Daily MTD data file with averaged data for each module plus weather data.
- \* IV curves data file in XML format.
- \* Data analysis including IV curve normalization with IVPC software.