

DAYSTAR

Multi-Tracers

A complete, self-contained, system for
evaluating PV modules

Daystar MT5 Multi-Tracers, DS-3200 and DS-2400, control and monitor performance of multiple PV modules. I-V curves, average performance, weather data are collected and stored. Customized to user specifications.

- Two load sizes; 2400 Watts, 3200 Watts, expandable to 4 load units per control unit
- Up to 16 PV modules, expandable to 64
- 24 thermocouple inputs, expandable to 56
- 8 analog voltage inputs
- Independent PV module control, PPT or fixed voltage
- I-V curves at user-selected intervals
- Network device with on-board data storage
- Web browser access and setup



info@daystarpv.com

daystar, inc.

Since 1988

	DS-3200	DS-2400
Total Power	3200 Watts	2400 Watts
Control Unit	Yes	Yes
Weight	7 kg; 15 lbs	7 kg; 15 lbs
Size	45 x 27 x 22 cm 18 x 18 x 9 in	45 x 27 x 22 cm 18 x 18 x 9 in
Power	90-264 Vac/40 W	90-264 Vac/40 W
Load Units	Up to 4	Up to 4
Weight	37 kg; 82 lbs	30 kg; 67 lbs
Size	45 x 57 x 36 cm 18 x 23 x 14 in	45 x 45 x 36 cm 18 x 18 x 14 in
Power	90-264 Vac/200 W	90-264 Vac/200 W

Network Device	Ethernet, no control computer required	
User Interface	Web Browser	
Data Files	Daily (MTD), I-V Curves	
Data Format	Text, XML	
Data Download	FTP Client software	
I-V Curves	~2 Seconds per curve	

	Accuracy	Resolution
PV Voltage*		
500 V Range	0.10%	15 mV
50 V Range	0.10%	1.5 mV
5 V Range	0.20%	0.15 mV
PV Current*		
20 A Range	0.10%	0.6 mA
2 A Range	0.20%	0.06 mA
Temperature	-40° to 200°C	
Type T	±1.5°C	0.06°C
Type K	±2°C	0.08
Voltage Inputs		
±5 V	0.10%	0.15 mV
±500 mV	0.10%	0.015 mV
±50 mV	0.20%	0.0015 mV
±5 mV	0.30%	0.00015 mV

*Nominal Ranges:
Voltage 50, 100, 200, 500 Volts
Current 1, 5, 10, 20 Amps

Major PV companies and National laboratories depend on Daystar Multi-Tracers to evaluate and compare long-term performance of PV modules.



www.daystarpv.com 575-522-4943
info@daystarpv.com