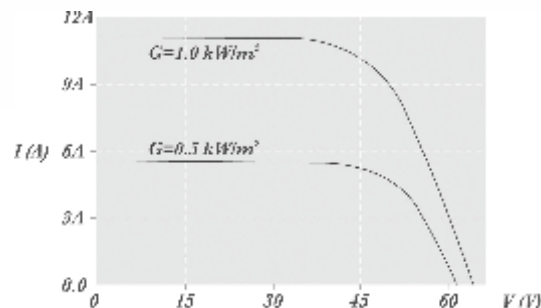


9009



Features

- I-V Curve Test for Solar Panel / Module
- Max. Solar Panel / Module Power (Pmax) search by Auto Scan Capability : 60V and 12A
- Best Resolution : 1mV, 1mA
- Manual Single Point I-V Test
- Max. Voltage (Vmax) at Pmax
- Max. Current (Imax) at Pmax
- Voltage at Open Circuit (Vopen)
- Current at Short Circuit (Ishort)
- I-V Curve with Cursor
- Efficiency (%) Calculation of Solar Panel
- Real time data logging
- RS232C (to USB Bridge) Cable for PC

General Specifications

AC Adaptor	AC 100V or 240V input, DC 15V/1 ~ 3A output
Dimension	257 x 155 x 57 mm (approx.)
Weight	1160gms Including Battery (approx.)
Environment	5°C ~ 50°C, 85%RH (Operating) -20°C ~ 60°C, 75%RH (Storage)
Accessories	User Manual x 1, Software Manual x 1, Lithium Battery 11.1V (Rechargeable) x 1, RS232C (to USB Bridge) Cable x 1, Software CD x 1, AC adaptor x 1, Kelvin Clips (12A max) 4-Wire to 2-Wire Connector x 1 Set, Carrying Bag x 1,

Application Notes

- Quality Control in the Production Line, Warehouse, or Site of Installation
- Identify the Solar Power System Requirement
- Maintenance of Solar Panels
- Verify the Best Installation Angle of Solar Panels

Electrical Specifications (23°C ± 5°C, Four-Wire Measurement
Maximum Power Limit is 500W)

DC Voltage Measurement :

Range	Resolution	Accuracy
0 – 10V	0.001V	± 1% ± (1% of Vopen ± 0.1V)
10 – 60V	0.01V	± 1% ± (1% of Vopen ± 0.1V)

Vopen : open circuit voltage of solar cell or module

DC Current Measurement :

Range	Resolution	Accuracy
0.01 – 10A	1mA	± 1% ± (1% of Ishort ± 9mA)
10 – 12A	10mA	± 1% ± (1% of Ishort ± 0.09A)

Ishort : short circuit current of solar cell or module

DC Current Simulation :

Range	Resolution	Accuracy
0.01 – 10A	1mA	± 1% ± 9mA
10 - 12A	10mA	± 1% ± 0.09A