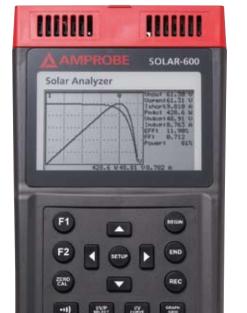
## **AMPROBE®**

**Data Sheet** 



### No hassle warranty

No waiting.





that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

In the unlikely event

(note: \$500 MSLP limit)

# **SOLAR 600 Solar Analyzer**

Professional analyzer for testing, maintenance, troubleshooting and efficiency of solar panels. The analyzer is used in the installation of solar panels to determine the proper inverter size, optimum power output position of panels and identifies broken or worn-out cells.

- I-V Curve test for solar cell
- Maximum Solar Power (Pmax) search by auto-scan (60V, 12A)
- Maximum Voltage (Vmaxp) at Pmax
- Maximum Current (Imaxp) at Pmax
- Voltage at open circuit (Vopen)
- Current at short circuit (Ishort)
- I-V curve with cursor
- Calculation of panel efficiency (%)
- Manual single point test
- Real Time data logging
- PC Download





#### **SOLAR 600 Solar Analyzer**

**Data Sheet** 

#### **General Specifications**

Battery Type	Rechargeable Lithium Battery, 11.1Vdc, 3400mAh	
Battery Life	400 times of linear scan from 60V to 0V and 0A to 12A	
Data Logging Memory Size	99 records	
AC Adaptor	AC 110V or 220V input DC 15V / 1~3A output	
Dimension	257(L) x 155(W) x 57(H) mm (10.12 x 6.1 x 2.24 inch)	
Weight	1160g / 40.0oz (Batteries included)	
Operation Environment	0°C to 50°C (32°F to 122°F), 85% RH	
Temperature Coefficient	0.1% of full scale / °C (<18°C or >28°C)	
Storage Temperature	-20°C to 60°C (-4°F to 140°F), 75% RH	



#### **SOLAR 600 Solar Analyzer**

Data Sheet

#### **Electrical Specifications**

	Range	Accuracy	
DC Voltage	0.000-9.999V	±1% ± (1% of Vopen ± 0.1V)	
_	10.00-60.00V		
DC Current	0.01-9.99A	$\pm 1\% \pm (1\% \text{ of Ishort } \pm 9\text{mA})$	
	10.0-12.0A	$\pm 1\% \pm (1\% \text{ of Ishort } \pm 0.09A)$	
DC Current Simulation	0.01 ~ 9.999 A	± 1 % ± 9 mA	
	10 ~ 12 A	± 1 % ± 0.09A	
	If current is greater than 12A, test (Auto-Scan, Scan, or Test) can not be performed.		
Included Accessories	Soft carrying case, Users manual, AC Adaptor, RS232C (to USB Bridge) Cable, Rechargeable Lithium Battery Pack, Software CD, Software manual, Kelvin Clips (12A max, 1 pair)		



#### **SOLAR 600 Solar Analyzer**

**Data Sheet** 

