

SOLAR POWER TEST EQUIPMENT

SOLAR-100 Solar Power Meter Features:

- Measures the solar power and transmission up to 2000 W/m², 634BTU / (ft²xh)
- Power Mode – measurement of the power per unit area of incident solar radiation
- Transmission Mode - calculates the solar power transmission percentage of the material for example how much solar power in % will be transmitted through the window
- Convenient to read display with remote sensor technology
- Selectable measurement units either W/m² or BTU / (ft² x h)
- Data Hold
- MAX/MIN functions to identify locations with maximum or minimum power



SOLAR-500 Power Analyzer Features:

- I-V Curve test for solar cell
- Maximum Solar Power (Pmax) search by auto-scan (60V, 6A)
- Maximum Voltage (Vmax) at Pmax
- Maximum Current (Imax) 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
- Includes: User's manual, Software Manual, 8-1.2V AA rechargeable batteries, AC adaptor, RS232C (to USB Bridge) cable, Software CD, Kelvin Clips (6A max)



BAT-500 Battery Capacity Tester Features:

- Tests battery capacity to calculate its true life
- Works with most batteries, compact storage batteries, alkaline and lead-acid up to 500Ah
- Resistance measurement up to 40 ohms, and voltage up to 40V
- Tests are performed without shutting down a battery
- Simultaneously measure battery resistance and voltage
- Comparator function to quickly access conditions as Pass, Warning, or Fail
- 99 memory locations to store results with read function
- Compact and lightweight
- RS232 PC Interface to download testing results to a PC for trending/life cycle analysis
- Includes: Instruction manual, Batteries, Test probe, Software, RS232 cable



For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-SOLAR-100	SOLAR-100	Solar Power Meter	199.00
569-SOLAR-500	SOLAR-500	Solar Analyzer	1999.00
569-BAT-500	BAT-500	Battery Impedance	799.00

VOLTAGE AND CONTINUITY TESTERS

Features:

- Super-bright bi-color LED's indicates safe and dangerous voltages (above 55VDC or 30VAC)
- Auto hold feature - LED's stay illuminated for 10 sec retaining a reading after the tests are disconnected
- Solenoid tester-like shaker to indicate AC voltage presence
- Automatically turns ON and OFF for easy and quick measurements
- Non-contact voltage detection and GFCI test feature for testing GFCI receptacles and breakers (VC-31 only)
- Standard detachable test lead (black) for easy replacement with optional longer or specialized probe
- Automatically selects AC Voltage, DC Voltage or Continuity
- LED's indicate 10 levels of AC and DC Voltages:
 - Volts (AC) 24, 48, 120, 208, 240, 277, 347, 480, 600, 1000
 - Volts (DC) 6, 12, 24, 36, 48, 60, 72, 110, 220, 380
- Continuity buzzer and Visual continuity indication (LED)
- Water and dust proof, IP65 design
- Includes: detachable (black) test lead, screw-on stationary (red) probe, 2 screw-on 4mm probe batteries installed and user's manual
- 3- digit 1000- count LCD display (VC-31 only)
- Auto backlight LCD Digital Display for precise voltage measurements



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MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-VPC-30	VPC-30	Voltage & Continuity	29.95
569-VPC-31	VPC-31	-	79.95

PROFESSIONAL 1000A CLAMP-ON METERS

ACD-6-PRO & ACD-6-TRMS-PRO Features:

- True RMS (ACD-6 TRUE RMS-PRO) when measuring noisy AC environments
- AC Current to 1000A
- AC/DC voltage to 600V
- Resistance to 40MΩ
- Diode Test
- Extra large digital display for easy viewing
- Audible continuity
- Max conductor 45mm (1.77")
- Includes carrying case



ACDC-100 Features:

- True RMS (ACD-100 TRUE RMS) when measuring noisy AC environments
- AC/DC Current to 800A/1000A
- AC/DC Voltage to 600V
- Measures resistance, capacitance, continuity
- Auto and manual ranging
- Auto power off • Data hold
- MAX capture function for inrush current measurements (30mS response)
- Max conductor 50mm (2.00")
- Large digital display
- Carrying case, test leads, batteries and user manual included



For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-ACD-6-PRO	ACD-6-PRO	1000A Digital Clamp-on Multimeter	79.95
569-ACD-6-TRMS-PRO	ACD-6-TRMS-PRO	1000A True RMS Digital Clamp-on Meter	99.95
569-ACDC-100	ACDC-100	1000A Digital Clamp-on Multimeter	99.95

SWIVEL CLAMP-ON METERS

ACD-20SW Features:

- 180 degree rotating head for the perfect display viewing
- Advanced VoltTect non-contact voltage detection
- Slim jaw design with one hand operation
- Measures AC Current up to 400 ACA, AC/DC Voltage up to 600V, Resistance and Capacitance
- Audible continuity
- Auto and manual ranging respectively for quick checks and precise measurements
- Auto-off • Data hold • Diode Test
- Accommodates conductors up to 1.18" (30mm) in diameter
- Test leads, battery (installed), Users Manual, Carrying Case are included with the product



ACD-21SW Features:

- 180 degree rotating head for the perfect display viewing
- Advanced VoltTect non-contact voltage detection
- Slim jaw design with one hand operation
- Measures AC Current up to 400 ACA, AC/DC Voltage up to 600V, Resistance and Capacitance
- Temperature measurement
- Audible continuity
- Auto and manual ranging respectively for quick checks and precise measurements
- Auto-off • Data hold
- Accommodates conductors up to 1.18" (30mm) in diameter
- Test leads, battery (installed), Users Manual, Carrying Case and type-K thermocouple are included with the product



For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-ACD-20SW	ACD-20SW	400A Swivel clamp	99.00
569-ACD-21SW	ACD-21SW	400A Swivel clamp, with temperature measurement	135.00

400A CLAMP-ON METERS

AD40B Features:

- Low-cost, miniature digital ammeter
- 400 A AC range
- 10mA resolution
- Jaw opening to 1 inch
- 4000-count display with bargraph



ACDC-400 Features:

- AC/DC Current up to 400A
- AC/DC Voltage up to 600V
- Resistance measurement
- Continuity test
- Data Hold
- MAX/MIN recording
- Relative measurement
- Backlight
- Analog bargraph
- Auto or Manual range selection
- Max Conductor 29.97mm (1.18")



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MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-AD40B	AD40B	Mini Clamp Ammeter	63.95
569-ACDC-400	ACDC-400	Digital AC/DC Clamp-on Multimeter	179.95

SPECIALTY CLAMP-ON METERS

AC75B Features:

- 600A AC Current
- Digital thermometer 400°C (1000°F), Type K probe included
- AC/DC voltage to 750V/1000V
- 40 MΩ Resistance
- Low DC μA Amps for flame rod detector testing
- Capacitance to 4000μF for motor run/start testing
- Continuity beeper
- 4000-count large digit display
- Jaw size 35mm (1.3")
- Auto power off
- Full overload protection



AC68C Features:

- True RMS for non-linear load current
- Autoranging for frequency measurement
- Data Hold button, holds the display reading for all functions and ranges
- Measures frequency through jaws or test leads
- Low battery indicator
- DC current zero adjustment button
- Peak Hold, converts and displays the peak value for AC volts and Amps readings
- Carrying case included



For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-AC75B	AC75B	Clamp meter, multimeter and thermometer	129.95
569-AC68C	AC68C	AC/DC TrueRMS 600A clamp meter	205.95

BATTERY TESTERS

Features:

- Easy-to-read color-coded display with "Good", "Low" and "Replace/Recharge" indicators
- Works with standard and rechargeable Batteries
- Compatible with:
 - 9V, AA, AAA, C, D, 1.5V Button Type
 - Compact Design
 - Ergonomic Battery Holder
- Users Manual Included



BAT-100

BAT-200

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Amprobe Part No.	Description	Price Each
569-BAT-100	BAT-100	Battery Tester	5.95
569-BAT-200	BAT-200	Battery Tester	5.95