



# Model AC68C

## Clamp Type Digital Multimeter



- Top-of-the-line professional clamp DMM
- 8 functions/11 ranges
- AC and DC
- Data and AC Peak Hold
- DC auto zero
- 4000-count
- Carrying case included
- CAT II 600 V, CAT III 300 V rated

Clamp-Around Meter

### AC68C Specifications (at 23°C ± 5 °C; < 80 % R.H. non-condensing)

<b>DC Voltage</b>	
Ranges	600 V
Accuracy	± (0.75 % rdg + 2 dgts)
Resolution	1 V in 600 V range
Input Impedance	10 MΩ
<b>AC Voltage (40-450 Hz)</b>	
Range	400 V, 600 V
Accuracy	± (1.2 % rdg + 5 dgts)
Resolution	0.1 V in 400 V range
Input Impedance	10 MΩ
<b>DC Current</b>	
Ranges	400 A, 600 A
Accuracy	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range
<b>AC Current (40-450 Hz)</b>	
Ranges	400 A, 600 A
Accuracy	± (2 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range
<b>Frequency (Hz), Current and Voltage</b>	
Ranges	4 kHz, 20 kHz
Accuracy	± (0.5 % rdg + 5 dgts)
Resolution	1 Hz in 4 kHz range
Sensitivity	5 A/1 V in 4 kHz range 5 A/5 V in 20 kHz range
<b>Resistance</b>	
Range	4 kΩ
Accuracy	± (1.0 % rdg + 5 dgts)
Resolution	1 Ω in 4 kΩ range
Open Circuit Volts	0.5 V DC
Max Short Circuit Current	0.8 mA
<b>Diode Test</b>	
Accuracy	± (1.0 % rdg + 2 dgts)
Resolution	0.001 V
Open Circuit Volts	3.2 V DC
Max Short Circuit Current	0.8 mA
<b>Continuity</b>	
Range Threshold	Tone at 40 Ω ± 15 Ω
Open Circuit Volts	3.2 V DC
Max Short Circuit Current	0.8 mA
<b>Peak Hold Measurement AC Voltage (40-450 Hz)</b>	
Range	400 V, 600 V
Accuracy	± (1.5 % rdg + 10 dgts)
Resolution	0.1 V in 400 V range
Input Impedance	10 MΩ
<b>Peak Hold Measurement AC Current (40-450 Hz)</b>	
Range	400 A, 600 A
Accuracy	± (2.0 % rdg + 10 dgts)
Resolution	0.1 A in 400 A range
<b>Overload Protection</b>	
Voltage	1000 V DC/750 V AC
Current	800 Amps
Resistance	660 V rms
Diode	660 V rms



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### General Specifications

**Display:** 3<sup>3</sup>/<sub>4</sub> digit, LCD, max reading of 3999; **Display Update Rate:** 2/sec, nominal; **Power:** 9 V battery (NEDA 1604, IEC 6F22); **Battery Life:** 200 hours(Alkaline); **Operating Temperature:** 0 °C to + 40 °C < 80 % R.H.; **Storage Temperature:** - 10 °C to + 60 °C, < 70 % R.H. non-condensing; **Maximum Jaw Opening:** 40 mm (1.57"); **Dimensions (WxHxD):** 76 x 228 x 39 mm (3" x 9" x 1.5"); **Weight (incl. Battery):** 465 grams; **Included Accessories:** Test Leads, battery, manual and carrying case

### Features

**DC Current** (Zero adjustment button); **Ranging:** Manual function and range selection with rotary selector switch; **Autoranging** for frequency measurement; **Data Hold:** Holds the display reading for all functions and ranges; **Peak Hold:** Converts and displays the peak value for AC Volts and amps readings; **Low Battery Indication;** **Auto-Power Off** after 30 minutes; **Warranty:** One-year

### Optional Accessories

**DL243C** Basic Test Lead Kit; **DL248C** Deluxe Test Lead Kit; **TL35A** Test Lead Set with Alligator Clips

For additional accessories, see the Accessories Compatibility Guide at [www.amprobetesttools.com](http://www.amprobetesttools.com)

