

# Model AC65

## True-rms Clamp Type Digital Multimeter



- True-rms reading
- Professional's 600 A, AC DMM
- Autoranging
- Data Hold button
- 4000-count
- Carrying case included
- CAT II 600 V, CAT III 300 V rated

### AC65 Specifications (at 23 °C ± 0 °C < 75 % R.H.)

AC Voltage (40-500 Hz)	
Ranges	400 V, 600 V
Accuracy	± (1.2 % + 5 dgts)
Crest Factor	(1.4 to 2.0): + 0.6 % (2.0 to 2.5): + 2.0 %
Resolution	100 mV in 400 V range
Input Impedance	10 MΩ // < 100 pF
AC Current (50-60 Hz)	
Range	400 A, 600 A
Accuracy	400 A: ± (1.9 % rdg + 5 dgts) 600 A: ± (2.9 % rdg + 5 dgts)
Resolution	0.1 A in 400 A range
AC Conversion Type	True-rms
Crest Factor	(1.4 to 2.0): + 1.0 % (2.0 to 2.5): + 2.5 %
Resistance	
Range	4 kΩ, 40 kΩ
Accuracy	± (2.0 % rdg + 9 dgts)
Resolution	1 Ω in 4 kΩ range
Max Open Circuit Voltage	1 V
Continuity	
Buzzer Sounds	When resistance is < 200 Ω
Overload Protection	
AC Volts, Resistance	600 V rms
AC Current	800 A rms



### General Specifications

**Display:** 3¾ digit LCD, max reading of 3999; **Display Update Rate:** 4/sec; **Power:** Single 9V battery (NEDA 1604, IEC 6F22); **Battery Life:** 200 hours (Alkaline); **Dimensions (WxLxH):** 88 x 215 x 36 mm (3.5" x 8.5" x 1.4"); **Weight:** 320 g (11.3 oz); **Operating Temperature:** 0 °C to + 45 °C, < 75 % R.H.; **Storage Temperature:** - 20 °C to + 60 °C < 80 % R.H.; **Temperature Coefficient:** 0.2 x (spec. acc'y) fOC, < 18 °C or > 28 °C

### Features

**True-rms;** **Shock Proof:** 1.2 m (4 feet) drop; **Low Battery Indicator;** **Auto Power Off:** 30 minutes after no function change; **Maximum Jaw Opening:** 42 mm (1.6 inches); **Maximum Conductor Size:** 40 mm (1.5 inches) diameter; **Accessories:** Test leads, battery, manual, and carrying case; **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.metermantesttools.com](http://www.metermantesttools.com)



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