

Data sheet

ICM A6

Clamp Meter

FEATURE:

- 10000 count digital display
- Auto Selection on ACV, DCV, ACA, Ω , Continuity and Diode
- Auto backlit
- Single key operation for all functions
- Smart data hold
- Auto hold (Current mode only)
- AC 600 Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 10K Ohms Resistance range
- Fast continuity beeper
- Battery capacity auto indication
- Auto power off (Enable and disable available)
- Up to 27mm Dia. (500MCM) conductor size
- Deluxe carrying case
- CAT.III 600V/CAT.II 1000V Safety standard

SPECIFICATION:(All at 23°C±5°C, ≤80% R.H.)

DC/AC Voltage

Range	Input Impedance	Overload Protection	Accuracy
2.1V~999.9V, - 0.7V~999.9V DC	375K Ω ~2M Ω	1000V DC or AC peak	±(1%+2dgt)
1.3V~750V AC	1M Ω	750V AC rms	±(1.5%+3dgt) 50Hz~500Hz

Resolution: 0.1V

Conversion Type: Average sensing RMS indicating

AC Current

Range	Accuracy	Resolution
0.9A~600A	±(1.9%+5dgt) 50Hz~60Hz	0.1A

Conversion Type: Average sensing RMS indicating

Resistance

Range	Accuracy
10000 Ω	±(2.0% + 2dgt)

Resolution: 1 Ω

Overload Protection: 600V rms

Diode & Continuity

Continuity Beeper : <25 Ω , 2KHz tone buzzer

Open Circuit Voltage : 2V max

General

Sampling Rate:	5 times/sec
Overload Indication:	“OL” is displayed
Low Battery Indication:	
Auto Power Off:	Approx. 20 minutes after last operation
Operating Temperature:	0°C~30°C (≤80% R.H.), 30°C~40°C (≤75% R.H.), 40°C~50°C (≤45% R.H.)
Storage Temperature:	-20°C~60°C
Temperature Coefficient:	0.2×(spec. Acc’y)/°C <18°C, >28°C
Safety:	IEC 61010-1: CAT.III 600V, CAT.II 1000V
Maximum Conductor Size	27mm dia.
Power Requirement:	Single 9V Alkaline PP3 batteries
Battery Life:	250 hours(Alkaline)
Size:	83mm(W)×200mm(L)×48mm(H)
Weight:	375g
Accessories:	Battery (installed), Test Leads and User Manual