



Clamp-on Meter Model 607

Large Size, Professional Functionality

Cat. #2139.61

TRMS, True InRush[®], 1000 V_{AC/DC}, 2000 A_{AC} /3000 A_{DC}, Data Recording

Measures AC, DC and AC+DC voltage, current, and power. Also measures frequency, resistance, continuity, True InRush[®], and harmonics. Performs diode checks. Performs data recording. Safety rated at 1000 V CAT IV. IP54 rated to withstand dust and water spray.

Cat.#2139.61

Voltage Range:	1000 V _{rms} AC/DC / AC+DC Autoranging
Resolution Max:	0.01 V
Current Range:	2000 Arms AC, 3000 ADC
Resolution Max:	0.01 A
Accuracy V Typical:	1 % ± 3 cts
Accuracy A Typical:	1 % ± 3 cts
True InRush[®]:	(20 to 2000) A _{AC} , (20 to 3000) A _{DC}
Power Measurement Max:	2 MW AC, 3 MW DC
Harmonics:	Up to 25 th
THD:	Yes, % f and % r
Continuity:	Selectable from (0 to 999.9) Ω
Resistance:	100 kΩ
Frequency:	20 kHz in V, 1 kHz in A
Power Factor:	Yes
MIN/MAX/PEAK-/PEAK+	Yes
ΔREL:	Yes
Recording:	Yes, up to 1000 points (160 h at 10 min intervals)
Communication:	Bluetooth
Software:	Yes, DataView included
Power Source:	(4) AA, NEDA 15 A, IEC LR6
Battery Life:	> 350 h

For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

Dimensions:	(10.7 x 3.6 x 1.6) in (272 x 92 x 41) mm
Weight:	1.4 lbs (640 g) with batteries
Jaw Opening:	2.36 in (60 mm)
Operating Temperature:	(-4 to 131) °F (-20 to 55) °C
Storage Temperature:	(-40 to 158) °F (-40 to 70) °C
Operating Humidity:	90 % up to 131 °F (55 °C)
Pollution Degree:	2
Ingress Protection:	IP54
EMC:	EN61326-1
Safety Compliance:	EN/IEC 61010-1 to 1000 V CAT IV EN/IEC 61010-2-030:2010 EN/IEC 61010-032:2002



For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

