

CLAMP-ON METERS

400 & 600 SERIES BLUETOOTH EDITION

POWER AND HARMONIC METERS

MODELS 407 & 607

Now available with
Android™ mobile application



400 & 600 Series
Housing Only

FEATURES

- 1000V CAT IV Rated
- UL 94 VI flame retardant self-extinguishing
- 10,000-count blue electroluminescent backlit display
- Measures up to 1000VAC (1400V peak), 1000VDC and AC+DC with resolution to 10mV
- Measures up to 2000AAC and 3000AAC (Model 607)
- Measures W, VA, var and PF for single- and three-phase balanced systems
- Measures single- and three-phase power (real, reactive and apparent) up to 3MW with resolution to 1W
- Measures frequency to 20kHz with 0.1Hz resolution
- Auto selects AC or DC measurement
- True InRush® current measurement with 100mS capture
- Measures harmonics up to the 25th
- Records up to 1000 measurements
- Bluetooth communication (communicates up to 30ft)
- Includes FREE DataView® software for download and report generation
- Jaw opening up to 1.89" (48mm) (400 series) and up to 2.36" (60mm) (600 series)

SPECIFICATIONS

MODELS	407 TRMS	607 TRMS
ELECTRICAL		
Current AC (rms)	1000A	2000A
Current DC	1500A	3000A
Current AC+DC	1500A Peak	3000A Peak
Voltage AC (rms)	1000V	1000V
Voltage DC	1000V	1000V
Voltage AC+DC	1000V	1000V
Ohms	100kΩ	100kΩ
Continuity (Buzzer)	Yes (< 40Ω)	Yes (< 40Ω)
Total Harmonic Distortion	Yes	Yes
Individual Harmonics (to 25th)	Yes	Yes
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	1000kW	1000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	1000kvar	2000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	1000kVA	2000kVA
Voltage Frequency (Hz)	20kHz	20kHz
Current Frequency (Hz)	2kHz	1kHz
Power Function (W, var, VA)	Yes	Yes
Power Factor	Yes	Yes
THD-r/THD-f	Yes	Yes
Auto AC/DC	Yes (V & A)	Yes (V & A)
Auto Power OFF	Yes	Yes
Hold Button	Yes	Yes
Backlight Button	Yes	Yes
Min/Max Button	Yes	Yes
True InRush® Function	Yes	Yes
Peak ± Function	Yes	Yes
Harmonics Function	Yes	Yes
Rec (Record) Function	Yes	Yes
Wireless BT (Bluetooth) Function	Yes	Yes
Record (Recordings)	1000	1000
Hz Button	Yes	Yes

*3-phase measurements assume balanced load



PRODUCT INCLUDES

MODELS 407 & 607

Hard carrying case, set of two color-coded silicone test leads, test probes and alligator clips, Bluetooth USB adapter, four 1.5V AA batteries, safety information sheet, and USB drive supplied with DataView® software and user manual.

CATALOG NO.	DESCRIPTION
2139.51	Power Clamp-On Meter Model 407 (TRMS, 1000VAC/DC, 1000AAC/1500ADC, Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)
2139.61	Power Clamp-On Meter Model 607 (TRMS, 1000VAC/DC, 2000AAC/3000ADC, Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)



Technical Assistance (800) 343-1391

www.aemc.com