

# 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
<b>ELECTRICAL</b>		
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 9