

# CLAMP-ON METERS

400 & 600 Series *Bluetooth* Edition Power and Harmonic Meters

## Models 407 & 607

Users can be sure of working in a higher degree of safety with 1000V CAT IV rated meters

**NEW!**



### 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 25 <sup>th</sup> )	Yes	Yes
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	1000kW 3000kW	2000kW 6000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	1000kvar 3000kvar	2000kvar 6000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	1000kVA 3000kVA	2000kVA 6000kVA
Voltage Frequency (Hz)	20kHz	20kHz
Current Frequency (Hz)	2kHz	1kHz
Power Function	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 <i>InRush</i> <sup>™</sup> Function	Yes	Yes
Peak ± Function	Yes	Yes
Harmonics Function	Yes	Yes
Rec (Record) Function	Yes	Yes
Wireless BT ( <i>Bluetooth</i> ) Function	Yes	Yes
Record (Recordings)	1000	1000
Hz Button	Yes	Yes
Jaw Opening Size (Diameter)	1.89"	2.36"
Protection Index	Housing: IP54 (per standard IEC-60529)/Jaws: IP40	

\*3-phase measurements assume balanced load



### FEATURES

- 1000V CAT IV Rated
- UL 94 VI flame retardant self-extinguishing
- IP54 Rated
- 10,000 count blue electroluminescent backlit display
- Measures up to 1000V<sub>AC</sub> (1400V peak), 1000V<sub>DC</sub> and AC+DC with resolution to 10mV
- Measures up to 2000A<sub>AC</sub> and 3000A<sub>DC</sub> (Model 607)
- 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*<sup>™</sup> current measurement with 1mS capture
- Measures harmonics up to the 25th
- Records up to 1000 measurements
- *Bluetooth* communication
- Includes FREE DataView<sup>®</sup> software for download and report generation
- Jaw opening up to 1.89" (400 series) and up to 2.36" (600 series)
- Leads are constructed with a flexible silicone material

### PRODUCT INCLUDES

#### Models 407 & 607

Set of 2 color-coded silicone test leads, test probes and alligator clips, Bluetooth USB adapter, hard carrying case, four 1.5V AA batteries, DataView<sup>®</sup> software, user manual and safety information sheet.



### CATALOG NO. DESCRIPTION

2139.51	Power Clamp-On Meter Model 407 (TRMS, 1000V <sub>AC</sub> /dc, 1000A <sub>AC</sub> /1500A <sub>DC</sub> , Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)
2139.61	Power Clamp-On Meter Model 607 (TRMS, 1000V <sub>AC</sub> /dc, 2000A <sub>AC</sub> /3000A <sub>DC</sub> , Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)