

## AEMC Clamp-On Power Meters

- Use on single & 3-phase power to 3MW
- Measure to 1000V AC, DC or AC+DC
- Automatic AC or DC selection
- Ω, Hz & THD measurements
- 10,000 count electroluminescent display
- Fast (1msec) inrush current capture
- 1000V CAT IV & IP54 rated
- Data storage & Bluetooth communication
- 1.89" or 2.36" jaw opening



607

### ORDERING INFORMATION

AE/2139.50	Model 405 (TRMS, 1000Vac/dc, 1000Aac/1500Adc, Power, THD)
AE/2139.51	Model 407 (TRMS, 1000Vac/dc, 1000Aac/1500Adc, Energy, Harmonics, Power, THD, Recording)
AE/2139.60	Model 605 (TRMS, 1000Vac/dc, 2000Aac/3000Adc, Power, THD)
AE/2139.61	Model 607 (TRMS, 1000Vac/dc, 2000Aac/3000Adc, Energy, Harmonics, Power, THD, Recording)

### SPECIFICATIONS

MODEL	405	407	605	607
Measurement Method	TRMS AC/AC+DC/DC		TRMS AC/AC+DC/DC	
Automatic AC/DC Detection	-	Yes	Yes	
A AC	0.15 to 1000A (1500A peak)		0.15 to 2000A (3000A peak)	
A DC	0.15 to 1500A		0.15 to 3000A	
A AC+DC	0.15 to 1000A (1500A peak)		0.15 to 2000A (3000A peak)	
Best A Accuracy	1% of Reading + 3 cts			
V AC	0.15 to 1000V (1400V peak)			
V DC	0.15 to 1400V			
V AC+DC	0.15 to 1000V (1400V peak)			
Best V Accuracy	1% of Reading + 3 cts			
Hz Current	5.0 to 2000Hz			
Hz Voltage	5.0 to 20.00kHz			
Ohm	0.1Ω to 99.99kΩ			
Audible Continuity	Adjustable	Fixed <40Ω	Adjustable	Fixed <40Ω
Diode Test	Yes	-	Yes	-
Power Values	Single Phase & Total 3-phase		Single Phase & Total 3-phase	
Active Power	5W to 1000kW		5W to 2000kW	
Reactive Power	5var to 1000kvar		5var to 2000kvar	
Apparent Power	5VA to 1000kVA		5VA to 2000kVA	
FP / DPF	Yes / No	Yes / Yes	Yes / No	Yes / Yes
THDf / THDr	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Frequency Analysis	-	25th order	-	25th order
Phase Rotation (2-wire)	Yes	-	Yes	-
True InRush® current	Yes	Yes	Yes	Yes
Hold, Min/Max, +/-Peak	Yes	Yes	Yes	Yes
REL ΔX / Diff. ΔX/X (%)	-	Yes / Yes	-	Yes / Yes
Jaw Opening	1.89" (48mm)		2.36" (60mm)	
Number of Values Displayed	1	3	1	3
Data Recording	-	Yes	-	Yes
Communication Interface	-	Bluetooth	-	Bluetooth
Dimensions	10.70 x 3.62 x 1.61" (272x92x41mm)		11.65 x 4.37 x 1.61" (296x111x41mm)	

## Megger Clampmeters

MULTI-CORE CLAMP METER



- Measure single, two or three core cables
- No need to split wires
- Cable centering clamp
- Backlit display

MMC850

### SPECIFICATIONS

AC Amps	Single-Core Mode	Multi-Core Mode
Mode:	Single-Core Mode	Multi-Core Mode
Range:	200A	100A
Resolution:	0.1A	0.1A
Accuracy:	±1.5% ±3d	±5% ±10d
Frequency:	45Hz - 1kHz	45Hz - 400Hz
Main Jaw Capacity:	13mm (0.51")	
Inner Jaw Capacity:	22mm (0.87")	
Display:	3½ digit, 2000 count	
Operating Temp.:	0°C to +40°C, <80% RH	
Storage Temp.:	-20°C to +60°C, <70% RH	
Battery:	9V Alkaline	
Battery Life:	180hrs typical	
Dimensions:	8.94" x 3.7" x 1.75" (227 x 94 x 44.5mm)	
Safety:	IEC1010-2-032, CAT III 600V	

LEAKAGE CLAMP METER



- 0.01mA resolution for measuring earth leakage currents
- Amp ranges for standard current measurements
- Analog bargraph display for trending
- 40mm jaw opening

DCM300E

### SPECIFICATIONS

Ranges:	30mA/300mA/30A/300A (50/60Hz)
Accuracy:	
30/300mA:	±1.2% rdg ±5d
0-200A:	±1.2% rdg ±5d
200-250A:	±3.0% rdg ±5d
250-300A:	±5.0% rdg ±5d
Circuit Voltage:	600V AC max.
Jaw Capability:	40mm (1.57")
Display:	3½ digit, 3200 count
Data Hold:	Indicated by DH in display
Operating Temp.:	0°C to +40°C, <80% RH
Storage Temp.:	-20°C to +60°C, <70% RH
Battery:	2 LR44 button cells
Dimensions:	2.5" x 7" x 0.9" (64 x 176 x 23mm)
Safety:	300V phase to earth, 500V phase to phase CAT III or 600V CAT II

### ORDERING INFORMATION

ME/MMC850	Multi-Conductor AC Clamp Meter with carrying case
ME/DCM300E	Leakage Clampmeter with carrying case