

CMS1500 1000A True RMS 1000A AC/DC Solar Clamp Meter

Ideal for installation and maintenance in the photovoltaic high voltage field

Features:

- True RMS provides better accuracy when measuring non-sinusoidal or noisy waveforms
- Captures the instantaneous surge (inrush) current when power equipment is turned on
- DC Power measurement to 2500kVA
- 1.4" (35mm) clamp jaw
- 3000A Clamp Adapter input can be used with any adapter that has a 10mV/A output
- Built-in Non-Contact Voltage Detector with audible/visual alerts
- Low Pass Filter (LPF) for filtering frequency and harmonic interference when measuring variable frequency drives
- Min/Max records highest and lowest readings
- Data Hold freezes the display
- Relative Mode for making comparisons to a stored reference value
- Auto power off with disable, low battery indicator
- Built-in Flashlight
- Waterproof (IP65)
- Optional model complete with Certificate of Traceability to N.I.S.T.
- Includes Test Leads, Type K Thermocouple Bead Probe, (2) AA batteries, and carrying case
- 2-year warranty



Specifications

Display counts	9999 counts
AC Current	1000A
ACA Accuracy	±2%
DC Current	1000A
AC Voltage / DC Voltage	1500V / 2500V
DC Power (kVA)	2500kVA (DC only)
Resistance	100kΩ
Temperature	-40 to 752°F (-40 to 400°C)
Capacitance	1mF
Frequency	1MHz
Continuity	<30Ω
Lo Pass Filter (LPF)	Yes
NCV Detector	40 to 600V
Peak (Inrush) Current	100ms
Waterproof	IP65
Power	(2) AA batteries
Dimensions / Weight	11.6 x 2.9 x 2" (295 x 73 x 50mm) / 19oz (540g)

Applications:

Ideal for installation and maintenance in photovoltaic field and also for energy storage systems, UPS (uninterrupted power supplies), large-scale motors, and other high voltage environments.

Typically when using a multimeter to measure current, you would have to “break the circuit” and place the meter in series with it, so that voltage and current would pass through it. A clamp meter allows you to easily measure current without breaking the circuit by clamping around a single conductor. This saves time and the circuit will not be damaged.

Ordering Information:

CMS1500 1000A True RMS 1000A AC/DC Solar Clamp Meter
CMS1500-NIST CM675IR including Certificate of Traceability to NIST

