

UT219 series is 600A true RMS professional clamp meter with CAT IV 600V rating. It is industrially designed with IP54 rating and able to withstand 2 meters drop test for measurement in harsh environments. This series is suitable for professional electricians, HVAC/R and motor technicians.

#### Features

Auto/manual range/ZERO mode
MAX/MIN
True RMS/auto power off
IP54/2m drop proof
Data hold/relative mode
Auto backlight
Low battery indication
3-phase motor sequence test (UT219M/DS)
LoZ input for ghost voltage measurement
Temperature and $\mu$ A measurements (flame sensor) (UT219M/DS)
Inrush current/AC+DC voltage/V+A dual display (UT219DS)



UT219DS

Specifications	Range	UT219E	UT219M	UT219DS
<b>Certificates</b>	<b>CE, UKCA, cETLus, GS</b>			
AC current (A)	600A	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$	$\pm(1.8\%+6)$
DC current (A)	600A 2000 $\mu$ A		$\pm(0.9\%+6)$	$\pm(0.9\%+6)$
AC voltage (V)	1000V	$\pm(1\%+6)$	$\pm(1\%+6)$	$\pm(1\%+6)$
DC voltage (V)	1000V	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$	$\pm(0.6\%+3)$
LoZ ACV	600V	$\pm(2.5\%+6)$	$\pm(2.5\%+6)$	$\pm(2.5\%+6)$
Resistance ( $\Omega$ )	60M $\Omega$	$\pm(1\%+3)$	$\pm(1\%+3)$	$\pm(1\%+3)$
Capacitance (F)	60mF	$\pm(4\%+7)$	$\pm(4\%+7)$	$\pm(4\%+7)$
Frequency (Hz)	10Hz~10MHz 600Hz~40MHz	$\pm(0.1\%+6)$		$\pm(0.1\%+6)$
Duty cycle	0.1%~99.9%	$\pm(2.6\%+7)$		$\pm(2.6\%+7)$
Temperature	-40°C~1000°C -40°F~1832°F		$\pm(2\%+5)$ $\pm(2\%+9)$	$\pm(2\%+5)$ $\pm(2\%+9)$
Display count		6000	6000	6000
Jaw opening		33mm	33mm	33mm
AC current frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~400Hz
AC voltage frequency response		40Hz~400Hz	40Hz~400Hz	40Hz~1kHz
3-phase motor sequence test			600V	600V
Low pass filter				1kHz, 3dB attenuation
V+A dual display				$\sqrt{}$
Diode test		12V	3V	3V
Measurement sampling rate		3 times/s	3 times/s	5 times/s
Analog bar sampling rate		10 times/s		20 times/s
Analog bar		31 segment		31 segment
Display interface (LCD)		Single	Single	Dual
Category ratings	CAT III 1000V, CAT IV 600V			

#### Characteristics

Standard accessories	Test leads, batteries, carrying bag, point contact temperature probe (UT219M/UT219DS), English manual (German, French, Spanish optional)
Power	1.5V battery (R03) x 3
Display	35 x 31mm
Product size	234.6 x 82 x 47mm
Product net weight	310g
Standard individual packing	Gift box, blister
Standard quantity per carton	10pcs
Standard carton measurement	490 x 295 x 330mm
Standard carton gross weight	UT219E: 8kg; UT219M/UT219DS: 8.2kg