



UT-CS07

1000A AC/DC Clamp Sensor

UT-CS07 is an AC/DC current sensor featuring high reliability and safety. It can be used as an expansion device for current measurement of multimeters. This instrument needs to be used in conjunction with a multimeter and is capable of measuring AC/DC currents up to 1000A. Its reliable measurement accuracy and unique appearance design make it a practical auxiliary tool for current acquisition in electrical measuring instruments.



**CAT III
1500V**

High safety
standard
(CAT III 1500V)



Multiple
output ratio
(10mV/1A;
1mA/1A)



Slender clamp
(35mm
measurable dia.)



ZERO

Zero
function



1000A input
protection



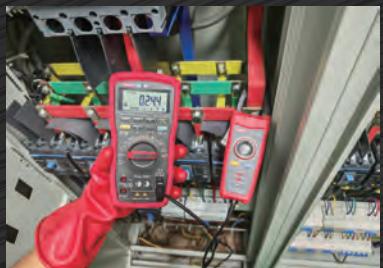
Multiple
Compatible
DMMs

💡 35mm slender clamp

It suits for dense wiring



Power distribution box
Current measurement

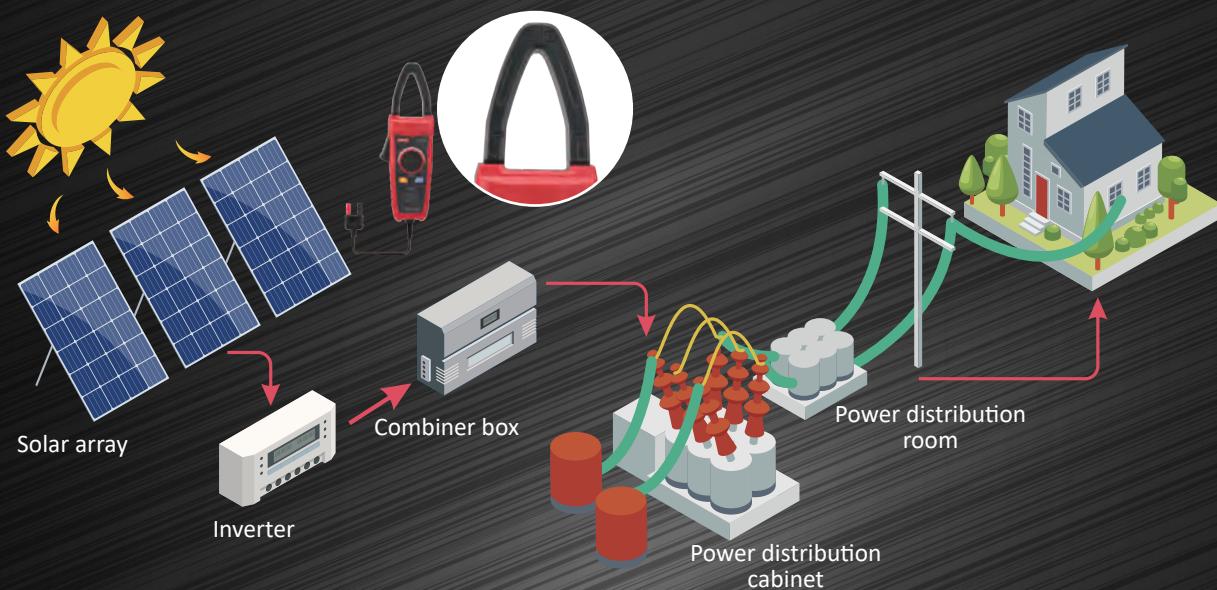


Bus bar current test



Electrical motor current test

💡 High safety: CAT III 1500V



CAT III 1500V

CAT IV LEVEL

CAT IV LEVEL

CAT III & II

Solar panel's safety level is CAT III;

The UT-CS07 (with CAT III 1500V) is a correct safety tool.

💡 Compatible DMMs



UT117C, UT196, UT139C, UT197, UT197PV and etc.



Work with a DMM which features "DC/AC mV & ⚡", easily to expand current measurement range

💡 AC/DC 1000A current test



DC Current test; AC Current test; AC Current frequency test

💡 Zero function



Before

After

💡 Multiple output ratio



Technical Specifications

Specification	Range	Output ratio	Accuracy	Input protection		
DCA current	100.0A	10mV/A	±(1.5%+0.5A)	1000A		
	1000A	1mV/A	±(2.0%+0.5A)			
ACA current	100.0A	10mV/A	±(1.5%+0.5A), 45Hz~200Hz	1000A		
			±(2.0%+0.5A), 200Hz~400Hz			
	1000A	1mV/A	±(2.0%+0.5A), 45Hz~200Hz			
			±(2.5%+0.5A), 200Hz~400Hz			
Features						
Jaw size (measurable dia.)	35mm conductor or 65x8mm busbar					
Output ratio	10mV/A & 1mV/A					
Wire length	1.1m					
True RMS	depends on the Multi-meter					
Response time	depends on the Multi-meter					
Frequency (ACA)	50Hz~400Hz					
Waveform display	Adaptable oscilloscope					
Accuracy	depends on the Multi-meter					
Power supply	AAx2=3V; working current: <50mA					
Low battery indication	√					
Drop test	1m					
Polution degree	2					
Working environment	0°C~30°C(<75%RH), 30°C~40°C(<50%RH)					
Storage environment	-10°C~50°C(<80%RH);					
Overvoltage category	CAT III 1500V/CAT IV 600V					



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