



UNI-T®

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

DMMs

Multiple
Compatible
DMMs

35mm slender clamp

It suits for dense wiring



Power distribution box
Current measurement

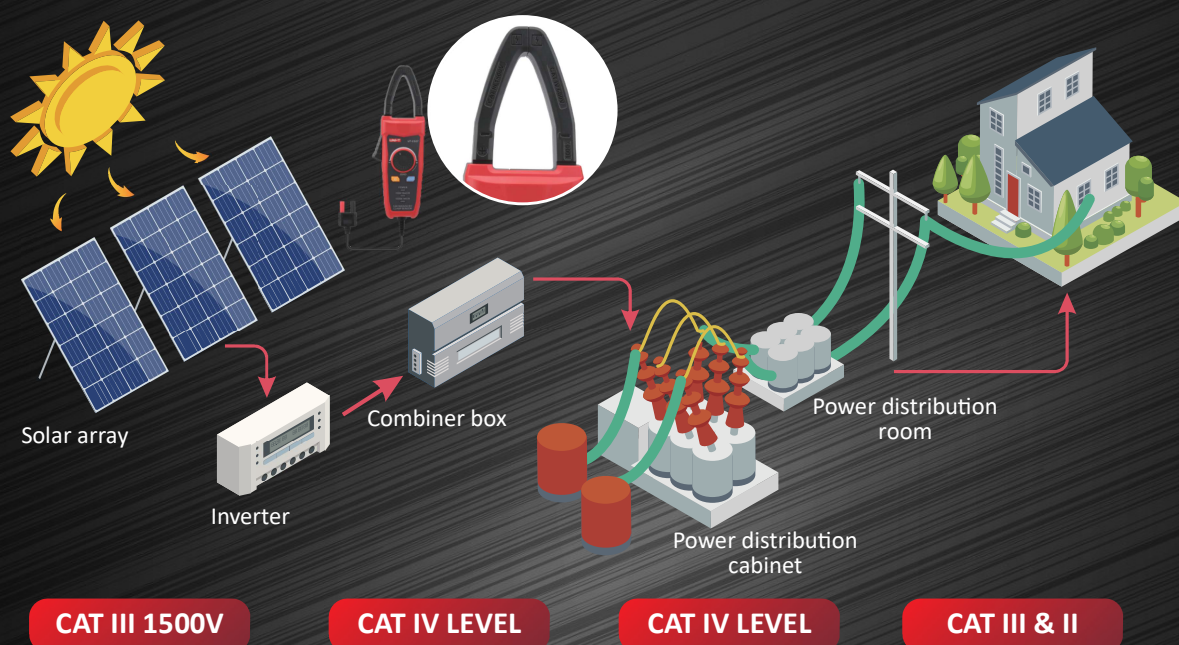


Bus bar current test



Electrical motor current test

High safety: CAT III 1500V



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 & 8”, 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



Range: 100A
Output ratio: 10mV/A



Range: 1000A
Output ratio: 1mV/A

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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TECHNOLOGY**



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