

# 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

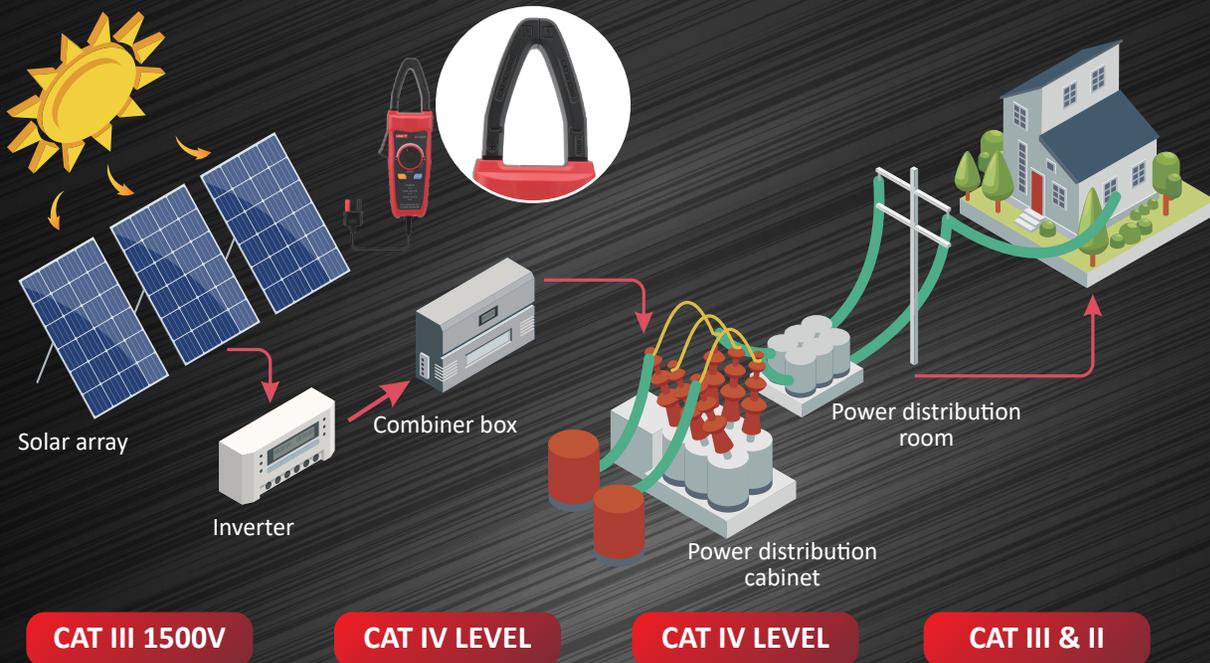


Bus bar current test



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 & ⚡", 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	$\pm(1.5\%+0.5A)$	1000A
	1000A	1mV/A	$\pm(2.0\%+0.5A)$	
ACA current	100.0A	10mV/A	$\pm(1.5\%+0.5A)$ , 45Hz~200Hz	1000A
			$\pm(2.0\%+0.5A)$ , 200Hz~400Hz	
	1000A	1mV/A	$\pm(2.0\%+0.5A)$ , 45Hz~200Hz	
			$\pm(2.5\%+0.5A)$ , 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	v
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



**UNI-TREND**  
**TECHNOLOGY**



[meters.uni-trend.com](https://meters.uni-trend.com)



Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:  
<https://meters.uni-trend.com/product/ut-cs07-ac-dc-1000a-clamp-sensor/#Docs5b0d-3222>