









VOLTAGE DETECTORS

Non-contact voltage detectors can quickly detect live AC voltage. These handy devices are great for electricians to safely and quickly check the status of electrical wires. The UT12 series includes single/dual mode (UT12S/UT12D) and two PRO models (UT12E/UT12M) designed with vibration mode and magnetic detection mode. These PRO models are IP67 rated, suitable for working in industrial environments.



UT12 SERIES AC Voltage Detectors

UT12 series non-contact AC voltage detectors are widely used in the maintenance of low voltage equipments such as conductors, cables, sockets, and other electrical/electronics instruments. It is a very handy tool for electricians.

-  Auto power off
-  Buzzer
-  AC voltage detection
-  IP67 (UT12E/M)
-  LED indication
-  High/Low voltage mode (UT12D/E/M)
-  Magnetic solenoid detection (UT12M)
-  Vibration mode (UT12E)



● Built-in flashlight

Applications
Low voltage mode
Low-voltage motor (<90V), audio systems, arc welding machines, underground mining lighting, cables with thick insulation layer and other weak electromagnetic AC signals.
High voltage mode
Urban electric supply and three-phase systems (90~1000V). For example, power distribution units, electrical panels, electrical appliances.



SPECIFICATION	UT12S	UT12D	UT12E	UT12M
Certificates	CE, RoHS, cETLus			
AC voltage (Low)		24V~1000V	24V~1000V	24V~1000V
AC voltage (High)	90V~1000V	90V~1000V	90V~1000V	90V~1000V
Frequency range	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Vibration mode			v	
Magnetic solenoid detection				v
Double injection molding			v	v
Drop test	1m	1m	2m	2m
Category ratings	CAT IV 1000V; IP67 (UT12E/UT12M)			
GENERAL CHARACTERISTICS				
Power	1.5V battery (R03) x 2			
Product net weight	UT12D/UT12S: 50g; UT12E/UT12M: 72g			
Product size	UT12D/UT12S: 150mm x 18 mm x 23mm; UT12E/UT12M: 160.5mm x 21.5 mm x 25mm			
Standard accessories	Battery, English manual			
Standard individual packing	Gift box, blister			
Standard quantity per carton	40pcs			
Standard carton measurement	UT12D/UT12S: 350mm x 245 mm x 210mm; UT12E/UT12M: 415mm x 245 mm x 235mm			
Standard carton gross weight	UT12D/UT12S: About 3.6kg; UT12E/UT12M: About 3.8kg			

Buzzer and sensing LED frequencies increase when detector gets closer to the test object