All Led will flash one be one when power on

AC/DC Voltage Measurements

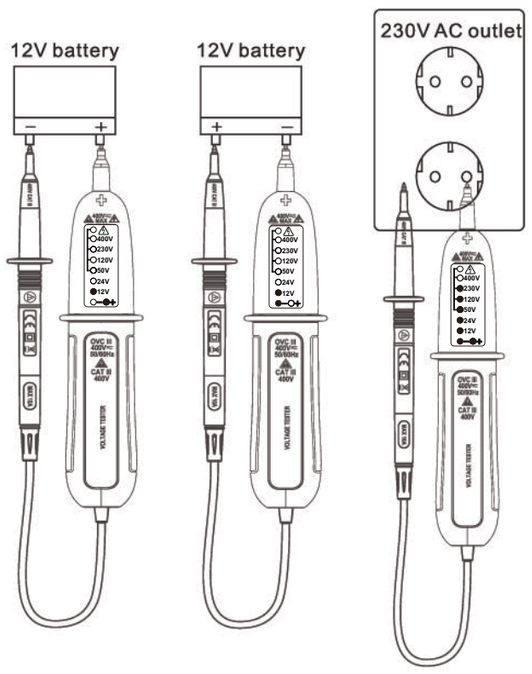
⚠Warnings

Observe all safety precautions when working on live voltages.

1.Touch the test probes across the circuit being measured.
2.The tester will turn on automatically if the voltage exceeds 12 volts.
3.The LEDs will indicate the voltage.
4.For AC voltage, the “+” and “-” LEDs will illuminate.
6.For DC voltage, the “+” LED will illuminate if the instrument test probe is touching the positive side of the circuit. The “-” LED will illuminate if the instrument test probe is touching the negative side of the circuit.

7. ⚠For the voltage that are more than the ELV limit(>50Vac or >120Vdc)Led will glow.

Self Test:
1.When the meter will power on means if the voltage is >12V all LED will flash one by one immediately
2.Measure a known voltage such as 230V socket outlet.
this two test complete the self test include the >ELV circuit
if the tester fails self test and voltage test ,do not use it .



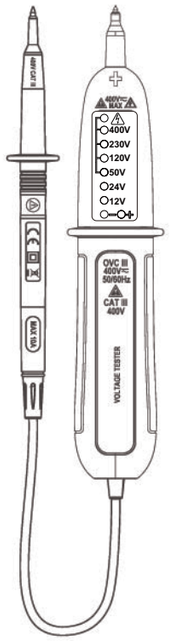
Specifications

Voltage LED steps	±12,24,50,120,230,400V
Accuracy	-30% to 0% of indication
Response time	<0.1s
AC frequency range	50/60Hz
Operation time	30 seconds maximum
Recovery time	10 minutes after maximum operation time has been reached
Self-Check	All Led will flash one be one when power on
Operating Temperature	5℉ to 113℉(-15℃ to 45℃)
Storage temperature	5℉ to 122℉(-15℃ to 50℃)
Relative Humidity	80% maximum
Altitude	7000ft(2000m)
safety	CAT III 400V,OVC III 400V ≂
Weight	95g
Dimension	223x40x32 mm

WLS2249

Voltage Tester

6816C



CE

Introduction

The Voltage Tester provides a simple and fast method of testing AC and DC voltage up to 400 volts. The different indicating signals of the Voltage Tester are not to be used for measuring purposes, it only means a voltage range, not the exact value. For example, when 120V indicator lights up, the measured voltage is in the range of 120V, it meant that the measured voltage value may be 120V, may be less than 120V, may also be greater than 120V.

⚠Warnings

- Read, understand and follow the Safety Rules and Operating Instructions in this manual before using this instrument.
- The Voltage Tester is designed to be used by the skilled persons and in accordance with safe methods of work.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- Unauthorized persons are not to be allowed to disassemble the tester.
- Keep fingers away from the metal probe tips when taking measurements.
- Comply with all safety codes. Use approved personal protective equipment when working near live electrical circuits.
- Use caution on live circuits. Voltages above 30V AC RMS, 42V AC peak, or 60V DC pose a shock hazard.
- Do not use if the instrument or test leads appear damaged.
- Measure known voltage with the tester to verify that the tester is working properly. If the tester is working

abnormally, stop using it immediately. A protective device may be damaged. If there is any doubt, please have the tester inspected by a qualified technician.
- Do not use the tester in wet or damp environments or during electrical storms.
- Do not use the tester near explosive vapors, dust or gasses.
- Do not use the tester if it operates incorrectly. Protection may be compromised.
- Do not apply voltage that exceeds the tester’s maximum rated input limits.

Input Limits

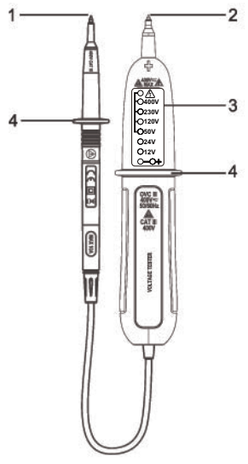
Function	Maximum Input
Voltage DC, Voltage AC	400V

Maintenance

1.KEEP THE TESTER DRY. If it gets wet, wipe it off.
2.USE AND STORE THE TESTER IN NORMAL TEMPERATURES. Temperature extremes can shorten the life of the electronic parts and distort or melt plastic parts.
3.HANDLE THE TESTER GENTLY AND CAREFULLY. Dropping it can damage the electronic parts or the case.
4.KEEP THE TESTER CLEAN. Wipe the case occasionally with a damp cloth. DO NOT use chemicals, cleaning solvents, or detergents.

Voltage Tester Description

1.External test probe (-)
2.Instrument test probe (+)
3.LEDs for voltage display
4. Protection ring



⚠ Keep your fingers behind the protection ring when measuring.

International Safety Symbols

⚠	Caution, risk of danger
⚠	Caution, risk of electric shock
⧈	Equipment protected throughout by double insulation or reinforced insulation.
⚠	Suitable for live working
≂	Both direct and alternating current
CE	Conforms to relevant European Union directives
CAT III	MEASUREMENT CATEGORY III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
OVC III	OVERVOLTAGE CATEGORY III is for equipment intended to form part of a building wiringinstallation.
IP54	Representing the level of protection from specified external conditions. 5: Dust-protected; 4: Protected against splashing water