

UT61C / UT61D / UT61E



UL 61010-1
EN 61010-1
EN 61010-2-030
EN 61326-1

Intertek



SPECIFICATIONS

Specifications	Range	Best Accuracy		
		UT61C	UT61D	UT61E
DC Voltage(V)	60mV/600mV/6V/60V/600V/1000V 220mV/2.2V/22V/220V/1000V	±(0.5%+1)	±(0.5%+1)	
AC Voltage(V)	60mV/600mV/6V/60V/600V/750V 220mV/2.2V/22V/220V/750V	±(1.0%+3)	±(1.0%+3)	±(0.1%+2)
DC Current(A)	600µA/6000µA/60mA/600mA/6A/10A 220µA/2200µA/22mA/220mA/2.2A/10A	±(1.0%+3)	±(1.0%+3)	±(0.8%+10)
AC Current(A)	600µA/6000µA/60mA/600mA/6A/10A 220µA/2200µA/22mA/220mA/2.2A/10A	±(1.2%+5)	±(1.2%+5)	±(0.5%+10)
Resistance(Ω)	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ 220Ω/2.2kΩ/22kΩ/220kΩ/2.2MΩ /22MΩ/220MΩ	±(1.0%+2)	±(1.0%+2)	±(0.8%+10)
Capacitance (F)	40nF/400nF/4µF/40µF/400µF/4000µF 22nF/220nF/2.2µF/22µF/220µF/ 2.2mF/22mF/220mF	±(3.0%+5)	±(3.0%+5)	±(3.0%+5)
Frequency (Hz)	10Hz-10MHz 10Hz-220MHz	±(0.1%+4)	±(0.1%+4)	
Temperature (°C)	-40°C~1000°C			±(0.01%+5)
Temperature (°F)	-40°F~1832°F	±(1.2%+3)		

Features

Features	UT61C	UT61D	UT61E
Display Count	6000	6000	22000
Auto Range	✓	✓	✓
True RMS	✓	✓	✓
Bandwidth (Hz)		✓	✓
Duty Cycle	0.1%~99.9%	45Hz~3kHz	45Hz~10kHz
Diode	✓	✓	✓
Auto Power Off	✓	✓	✓
Continuity Buzzer	✓	✓	✓
Low Battery Indication	✓	✓	✓
Data Hold	✓	✓	✓
Relative Mode	✓	✓	✓
MAX/MIN	✓	✓	✓
Peak Value	✓	✓	✓
RS-232	✓	✓	✓
LCD Backlight	✓	✓	✓
Analogue Bar Graph	✓	✓	✓
Input Protection	61	61	46
Input Impedance for DCV	Around 10MΩ	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	65mm × 43 mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	180mm × 87mm × 47 mm
Standard Accessories	UT61C-Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable PC Software CD, Point Contact Temperature Probe UT61D/UT61E-Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	22 PCs
Standard Carton Measurement	455mm × 335mm × 375mm (0.057 CBM Per Standard Carton)
Standard Carton Gross Weight	15.5 kg
Optional Accessories	USB Interface Cable



■ UT61C



■ UT61D



■ UT61E

UT243



EN61010-1
EN61010-2-032
EN61326-1



■ UT243

SPECIFICATIONS

Specifications	Range	Best Accuracy
Model		UT243
AC Current(A)	50A/250A/1000A	±(2%+5)
AC Voltage(V)	150V/300V/600V	±(1.2%+5)
Frequency (Hz)	50Hz~60Hz	✓
Active Power (W)	0.01kW-600kW	±(3%+5)
Apparent Power (VA)	0.01kVA-600kVA	±(3%+5)
Reactive Power (VAR)	0.01kVA-600kVA	±(4%+5)
Power Factor	0.3-1	±0.022
Phase Angle (°)	0°~360°	±2°
Active Energy (Wh)	1~9999kWh	±(3%+2)
Features		
Display Count		10000
Auto Range		✓
Jaw Capacity		50mm
True RMS		✓
Auto Power Off		✓
Low Battery Indication		✓
Data Hold		✓
MAX/MIN		✓
Data Storage		999
USB Interface		✓
LCD Backlight		✓
Full Icon Display		✓
Single-Phase 2-Wires		✓
3-Phase 3-Wires		✓
3-Phase 4-Wires		✓
Phase Sequence Test		✓
Harmonic Analysis		1~20
Setup		✓
Input Protection		✓
Input Impedance for DCV	Around 5MΩ	✓

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6) × 4
LCD Size	46mm × 42mm
Product Color	Red and Grey
Product Net Weight	601 g
Product Size	303mm × 112mm × 39mm
Standard Accessories	Test Lead, Batteries, Alligator Clips, USB Interface Cable, Tool Box, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg