



610E



610D

Technical parameter

Mode	Range		Precision
Basic skills	610D	610E	
DC voltage	600mV/6V/60V/600V	600mV/6V/60V/600V	±(0.5%+5)
	1000V	1000V	±(0.8%+5)
AC voltage	600mV/6V/60V/600V	600mV/6V/60V/600V	±(0.8%+5)
	750V	750V	±(1.0%+5)
	VFD(750V)	VFD(750V)	±(2.0%+5)
DC current	*	60A/600A/1000A	±(2.5%+8)
AC current	60A/600A/1000A	60A/600A/1000A	±(2.5%+8) VFD/INRUSH: ±(5.0%+10)
Resistance	600Ω/6kΩ/60kΩ/ 600kΩ/6MΩ/60MΩ	600Ω/6kΩ/60kΩ/ 600kΩ/6MΩ/60MΩ	±(1.0%+5)
Capacitance	10nF/100nF/1000nF/ 10uF/100uF/1000uF/10mF	10nF/100nF/1000nF/ 10uF/100uF/1000uF/10mF	±(4.0%+5)
	100mF	100mF	±(5.0%+10)
Frequency/Duty Cycle	10Hz/100Hz/1000Hz/ 10KHz/100KHz/1000KHz	10Hz/100Hz/1000Hz/ 10KHz/100KHz/1000KHz	±(1.0%+3)
	10MHz 1~99%	10MHz 1~99%	±(3.0%+3)
Temperature	-20°C ~0°C	-20°C ~0°C	±3°C
	0°C~400°C	0°C~400°C	±1.0% or ±2°C
	400°C~1000°C	400°C~1000°C	±2%
	-4°F~32°F	-4°F~32°F	±6°F
	32°F~752°F	32°F~752°F	±1.0% or ±4°F
	752°F~1832°F	752°F~1832°F	±2%

Features	
Display	LCD display
Max display	6000 counts
Diode	√
Data retention	√
NCV	√
Fire detection	√
Low voltage	√
Flashlight	√
True effective value	√
INRUSH	√
VFD	√
Max/Min	√
LoZ	√
Working humidity	0~40°C <80%
Storage humidity	-10~50°C <80%RH
Auto shut-down	About 15 minutes
Over-range display	The highest digit shows OL
Unit symbol	√
Open jaws	40mm
input resistance	10MΩ
Sampling rate	3 times/sec
Power supply	Three AAA batteries