



OW18A / OW18B - Features and Benefits

- 3 5/6 digits, 6000 counts
- Data logger (only in OW18B), multimeter and thermometer functions
- BLE 4.0 wireless transmission
- Support True RMS test
- Support NCV non-contact voltage sense
- Support Relative Measurement
- Build-in offline record function (only in OW18B)
- Chart and Diagram mode (only in OW18B)
- Flashlight function lightens the darkness

Specifications	Parameter	Measurement Range	Resolution	Accuracy
	DC Voltage		60.00mV / 600.0mV	0.01mV
		6.000V / 60.00V / 600.0V	1 mV	±(0.5%+2 dig)
		1000V	1 V	±(0.8%+2 dig)
AC Voltage		600.0mV	0.1mV	±(0.8%+3dig)
		6.000V / 60.00V / 600.0V	1 mV	±(0.8%+3dig)
		750V	1 V	±(1%+3dig)
DC Current		600.0uA / 6000uA	0.1uA	±(0.8%+2dig)
		60.00mA / 600.0mA	0.01mA	±(0.8%+2dig)
		20.00A	0.01A	±(1.2%+3dig)
AC Current		600.0uA / 6000uA	0.1uA	±(1%+3dig)
		60.00mA / 600.0mA	0.01mA	±(1%+3dig)
		20.00A	0.01A	±(1.5%+3dig)
Resistance		600.0Ω / 6.000kΩ / 60.00kΩ / 600.0kΩ / 6.000MΩ	0.1Ω	±(0.8%+2dig)
		60.00MΩ	0.01 MΩ	±(2%+3dig)
Capacitance		60.00nF / 600.0nF / 6.000uF / 60.00uF	0.01nF	±(2.5%+3dig)
		600.0uF / 6.000mF / 60.00mF	0.1uF	±(3%+5dig)
Frequency		9.999Hz / 99.99Hz / 999.9Hz / 9.999kHz / 99.99kHz / 999.9kHz / 9.999MHz	0.001Hz	±(0.8%+2dig)
Duty Ratio		0.1%~99.9% (typical value: Vrms=1V, f=1kHz)	0.1%	±(1.2%+3dig)
		0.1%~99.9% (≥1kHz)	0.1%	±(2.5%+3dig)
Temperature (°C/°F)		- 50°C~ +400°C	1°C	±(2.5%+3dig)
		-58°F~ +752°F	1°F	±(4.5%+5dig)
Bluetooth Module		√ (only in OW18B)		
Data Logger		√ (only in OW18B)		
Chart and Diagram Mode		√ (only in OW18B)		
Offline Record		√ (only in OW18B)		
BLE 4.0 Wireless Transmission		√ (only in OW18B)		
Max. Reading		5999		
Frequency Response		(40~1000) Hz		
Shift Rate		3 times/s		
Input Impedance		≥10MΩ		
Auto Ranging		√		
True RMS		√		
Diode Test		√		

Specifications

Specifications	LCD Backlight	√
	Automatic-manual Range Selection	√
	Auto Power-off	√
	Input Protection	√
	On-off Warning	√
	Low-battery Indicator	√
	Data Hold	√
	Relative Measurement	√
	Flashlight	√
	NCV	√
	Safety Compliance	CAT IV 600V, CAT III 1000V
	Dimension (W×H×D)	190mm*90mm*56mm
	Weight	0.30kg (without package)

