

# HP 3468A MULTIMETER

TYPE: MULTIMETER

GENERAL INFORMATION



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<b>Operating temperature</b>	0 to 55°C		
<b>Humidity Range</b>	95% R.H., 0 to 40°C		
<b>Storage Temperature</b>	-40°C to 75°C Expect for battery option, -40°C to +65°C		
<b>Warm-up Time</b>	1hr to meet all specifications		
<b>Integration Time</b>	Number of digits	Line frequency	
		50Hz	60Hz
	5½	200ms	166.7ms
	4½	20ms	16.67ms
	3½	2ms	2ms
<b>Power</b>	AC line 48-440Hz; 86-250V		
<b>Battery (option 001)</b>	Rechargeable lead-acid; minimum continuous operation for 5 hours at 25°C; Recharge time is 16 hours with 3468A off and 36 hours with 3468A on.		
<b>Maximum power</b>	<13 VA		
<b>Size</b>	98.4mm H × 238.1mm W × 276.2mm D (3.88 in H × 9.38 in W × 10.88 in D)		
<b>Weight</b>	2.1kg(4.63 lbs) With option 001- 3.1 kg (6.83 lbs)		

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PARAMETERS	MEASUREMENT ACCURACY	RANGE	TEMPERATURE COEFFICIENT
DC Voltage	$\pm$ (% of reading + number of counts) Auto-zero ON	0.3V,30V 3V,300V	0.0008 + .5 0.0007 + .05
Resistance	$\pm$ (% of reading + number of counts) Auto-zero ON. 4-wire $\Omega$	3000 $\Omega$ 3k-30k $\Omega$ 3M $\Omega$ 30M $\Omega$	0.0009 + 0.5 0.0009 + 0.05 0.0021 + 0.05 0.021 + 0.05
AC Voltage	$\pm$ (% of reading + number of counts) Auto-zero ON. 5½ digit display. Accuracy is specified for sine-wave inputs only,>10%of FS	.3V 3V 30V 300V	0°C to(Cal. Temp. - 5°C), ( Cal. Temp. +5°C)to55°C, 5½ digit display. Auto-zero ON
DC Current	$\pm$ (% of reading + number of counts) Auto-zero ON. 5½ digit display.	.3A 3A	0°C to(Cal. Temp. - 5°C), ( Cal. Temp. +5°C)to55°C, 5½ digit display. Auto-zero ON. $\pm$ (0.012 of reading + 0.5 counts )/°C

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**APPLICATIONS:** Used For Different Measurements.

**CODE:** DSE0MM0003468A0015.

**MANUAL NO.:**15