

# APPA A SERIES ELECTRICAL TESTER

SPECIFICATIONS: (All at 23°C±5°C, 80% R.H.)

		APPA A7	APPA A7D	APPA A8	APPA A9
<b>ACV:</b>	<b>Range</b>	600V	600V	750V	1.0V~600.0V
	<b>Resolution</b>	1V	1V	1V	0.1V
	<b>Basic Accuracy</b>	40Hz~500Hz	40Hz~500Hz	40Hz~500Hz	50Hz~500Hz
		±(1.5%+3d)	±(1.5%+3d)	±(1.5%+3d)	±(1.5%+3d)
	<b>Input Impedance: 1MΩ</b>	•	•	1.6MΩ	•
	<b>Overload Protection: 600V DC or AC rms</b>	•	•	750Vrms	•
	<b>Conversion Type:</b>				
	Average sensing RMS indicating	•	•	•	•
<b>DCV:</b>	<b>Range</b>	600V	600V	1000V	1.5V~600.0V, -0.2V~-600.0V
	<b>Resolution</b>	1V	1V	1V	0.1V
	<b>Basic Accuracy: ±(1.0%+2d)</b>	•	•	•	•
	<b>Input Impedance: 1MΩ/&lt;100pF</b>	•	•	1.6MΩ/<100pF	2MΩ
	<b>Overload Protection: 600V DC or AC rms</b>	•	•	•	•
	1000V DC or AC peak			•	
<b>ACA:</b>	<b>Range</b>	200A	200A	200A	0.3A~400.0A
	<b>Resolution</b>	0.1A	0.1A	0.1A	0.1A
	<b>Basic Accuracy</b>	45Hz~66Hz	45Hz~66Hz	50Hz~60Hz	50Hz~60Hz
		±(3.0%+3d)	±(3.0%+3d)	±(2.0%+3d)	±(1.8%+3d)
	<b>Conversion Type:</b>				
	Average sensing RMS indicating	•	•	•	•
<b>OHM:</b>	<b>Range</b>	2000Ω	2000Ω	2000Ω	2000Ω
	<b>Resolution</b>	1Ω	1Ω	1Ω	0.1Ω
	<b>Basic Accuracy: ±(1.0%+2d)</b>	•	•	•	±(2.0%+2d)
	<b>Overload Protection: 600V rms</b>	•	•	•	•
<b>Continuity Beeper: Indicator: 2KHz tone buzzer</b>		•	•	•	•
	<b>Threshold</b>	<25Ω	<25Ω	<25Ω	<25Ω
<b>Diode Test:</b>	<b>Open circuit voltage: 3V max</b>	•	•	•	•
<b>GENERAL:</b>					
<b>Sampling Rate</b>		2.5times/sec	2.5times/sec	2.5times/sec	5times/sec
<b>Overload Indication: OL is displayed for "A" and "Ω" functions. Show the real value for "V" function.</b>		•	•	•	"OL" or "-OL"
<b>Low Battery Indication</b>		⚡	⚡	⚡	⚡
<b>Auto Power Off: Approx. 30 minutes</b>		•	•	•	•
<b>Operating Temperature: 0°C~50°C, ≤80% RH</b>		•	•	•	•
<b>Storage Temperature: -20°C ~ 60°C</b>		•	•	•	•
<b>Temperature Coefficient: 0.15(Spec. Acc)/°C, &lt;18°C or&gt;28°C</b>		•	•	•	•
<b>Safety: IEC 61010 and designed to meet UL3111 specifications</b>		CAT. III 600V	CAT. III 600V	CAT. III 600V CAT. II 1000V	CAT. III 600V
<b>Maximum Conductor Size</b>		12mm dia.	12mm dia.	23mm dia. (350MCM)	27mm dia. (500MCM)
<b>Maximum Jaw Opening</b>				28mm	35mm
<b>Power Requirement: Single 9V battery (NEDA 1604 or IEC 6F22)</b>		•	•	•	•
<b>Battery Life: In hours (Alkaline battery)</b>		250	250	300	250
<b>Size: 65mm(W) x 185mm (L) x 40 mm(H)</b>		•			
66mm(W) x 198mm (L) x 46 mm (H)				•	
84mm(W) x 175mm (L) x 31 mm(H)			•		
66mm(W) x 198mm(L) x 46mm(H)					•
<b>Weight: In grams</b>		280	280	260	260
<b>Included with instrument: Test Leads, ZnC battery (installed) and manual</b>		•	•	•	•

Specifications subject to change without notice.

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