

APPA A SERIES ELECTRICAL TESTER & CLAMP METER

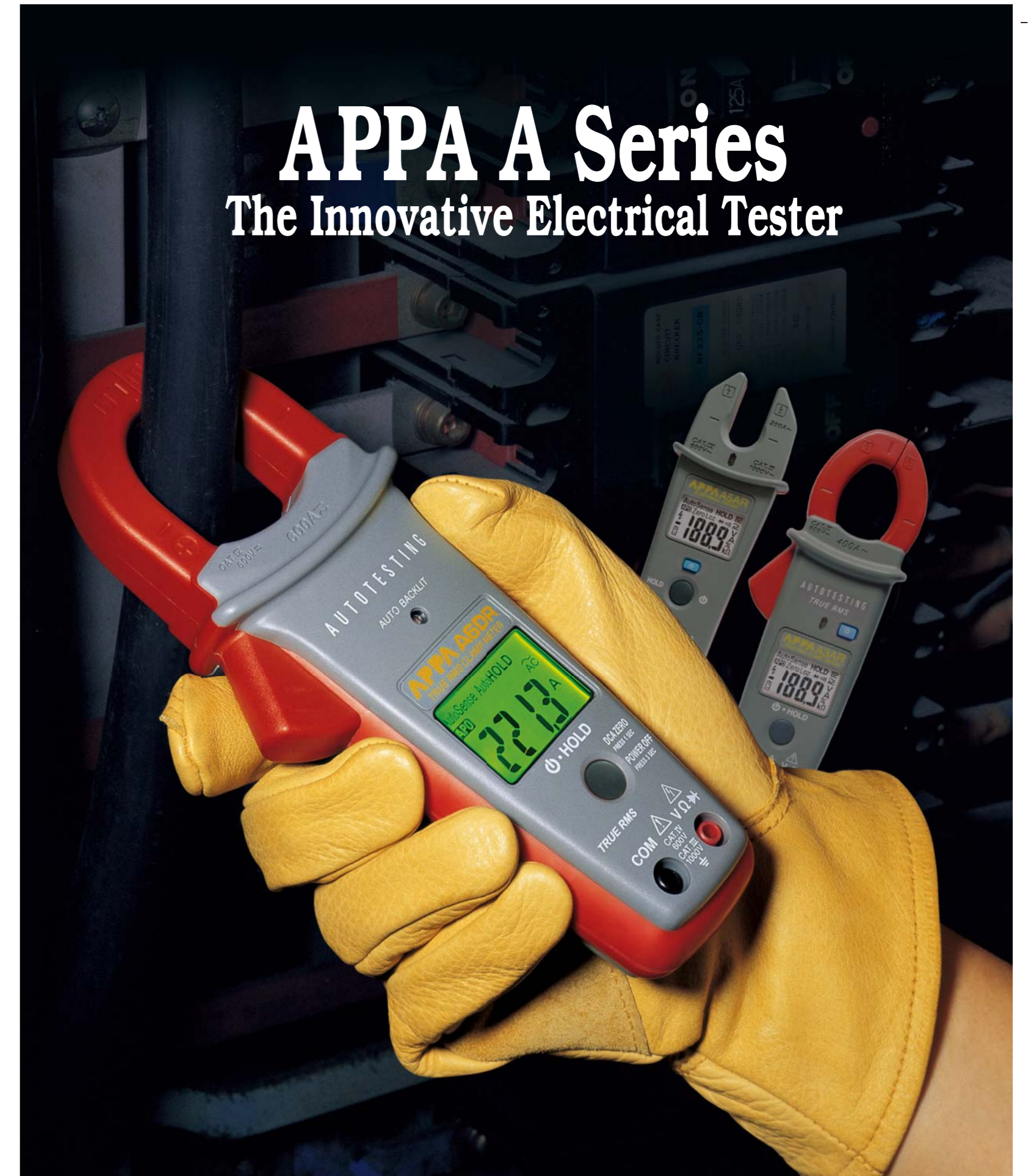
SPECIFICATIONS:(All at 23°C±5°C, ≦ 80% R.H.)

	APPA A3AR	APPA A5	APPA A5AR	APPA A7D	APPA A9	APPA A7A	APPA A6N	APPA A6D/A6DR
ACV:								
Ranges	1.3V~1000.0V	200.0V, 1000V	1.3V~1000.0V	600V	1.3V~600.0V	1.0V~750.0V	1.3V~750.0V	1.3V~750.0V
Resolution	0.1V	0.1V	0.1V	1V	0.1V	0.1V	0.1V	0.1V
Basic Accuracy	50Hz~500Hz ±(0.9%+3d)	50Hz~500Hz ±(1.5%+5d)	50Hz~500Hz ±(0.9%+3d)	40Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(1.5%+3d)	50Hz~500Hz ±(0.9%+3d)
Input Impedance	6KΩ~420KΩ	2MΩ/≦100pF	5KΩ~420KΩ	1MΩ/≦100pF	4KΩ~200KΩ	4KΩ~375KΩ	4KΩ~375KΩ	4KΩ~375KΩ
Overload Protection: 600V rms	1000V	1000V	1000V	-	-	750V	750V	750V
Conversion Type: Average sensing RMS indicating	True RMS	-	True RMS	-	-	-	-	/True RMS
DCV:								
Ranges	2.1V~1000.0V -0.7V~-1000.0V	200.0V, 1000V	2.1V~1000.0V -0.7V~-1000.0V	600V	2.1V~600.0V -0.7V~-600.0V	2.1V~1000.0V -0.7V~-1000.0V	2.1V~1000.0V -0.7V~-1000.0V	2.1V~1000.0V -0.7V~-1000.0V
Resolution	0.1	0.1V	0.1	1V	1V	0.1V	0.1	0.1
Basic Accuracy	±(0.3%+2d)	±(1.0%+2d)	±(0.3%+2d)	±(1.0%+2d)	±(1.0%+2d)	±(1.0%+2d)	±(1.0%+2d)	±(0.3%+2d)
Input Impedance	6KΩ~420KΩ	2MΩ/≦100pF	5KΩ~420KΩ	1MΩ/≦100pF	4KΩ~200KΩ	4KΩ~375KΩ	4KΩ~375KΩ	4KΩ~375KΩ
Overload Protection: 600V rms	-	-	-	-	-	-	-	-
1000V peak	-	-	-	-	-	-	-	-
ACA:								
Ranges	400.0A	200.0A	200.0A	200.0A	0.9A~400.0A	0.9A~200.0A	0.9A~600.0A	0.9A~600.0A
Resolution	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A	0.1A
Basic Accuracy	50Hz~60Hz ±(2%+5d)	50Hz~60Hz ±(3.0%+5d)	50Hz~60Hz ±(3.0%+5d)	45Hz~66Hz ±(3.0%+3d)	50Hz~60Hz ±(1.8%+3d)	50Hz~60Hz ±(2.5%+3d)	50Hz~60Hz ±(1.9%+5d)	50Hz~60Hz ±(1.5%+5d)
Conversion Type: Average sensing RMS indicating	True RMS	-	True RMS	-	-	-	-	/True RMS
DCA:								
Ranges	-	-	-	-	-	-	-	0.9A~600.0A
Resolution	-	-	-	-	-	-	-	0.1A
Basic Accuracy	-	-	-	-	-	-	-	±(1.5%+5d)
OHM:								
Ranges	10KΩ	20MΩ	10KΩ	2000Ω	10KΩ	10KΩ	10KΩ	10KΩ
Resolution	1Ω	0.1Ω	1Ω	1Ω	1Ω	1Ω	1Ω	1Ω
Basic Accuracy	±(0.9%+2d)	±(0.9%+2d)	±(0.9%+2d)	±(1.0%+2d)	±(2.0%+2d)	±(1.0%+2d)	±(2.0%+2d)	±(0.9%+2d)
Overload Protection: 600V rms	1000V	-	1000V	-	-	1000VDC/750VAC	1000VDC/750VAC	1000VDC/750VAC
Continuity Buzzer:	Indicator: 2KHz tone buzzer	-	-	-	-	-	-	-
Threshold: <25Ω	-	<50Ω	-	-	-	-	-	-
Diode Test:								
Ranges	0.4V~0.8V	0.4V~0.8V	0.4V~0.8V	-	0.4V~0.8V	0.4V~0.8V	0.4V~0.8V	0.4V~0.8V
Resolution	100mV	100V	100mV	-	100mV	100mV	100mV	100mV
Basic Accuracy	±(1.0%+3d)	±(1.5%+5d)	±(1.0%+3d)	-	±(1.0%+3d)	±(1.0%+3d)	±(1.0%+3d)	±(0.9%+3d)
Open circuit voltage: 2V max	-	3V max	-	-	-	-	-	-

GENERAL:	APPA A3AR	APPA A5	APPA A5AR	APPA A7D	APPA A9	APPA A7A	APPA A6N	APPA A6D/A6DR
Sampling Rate	2times/sec	1.5times/sec	2times/sec	2.5times/sec	5times/sec	5times/sec	5times/sec	5times/sec
Overload Indication: "OL" is displayed for "O" and "V" function, shows the real value for "A" function.	-	-	-	-	-	-	-	-
Low Battery Indication	⏻	⏻	⏻	⏻	⏻	⏻	⏻	⏻
Auto Power Off: Approx. 20 minutes	-	10min	-	30min	30min	-	-	-
Operating Temperature: 0°C~50°C, ≦80% RH	-	-	-	-	-	-	-	-
Storage Temperature: -20°C ~ 60°C	-	-	-	-	-	-	-	-
Temperature Coefficient: 0.2(Spec. Acc)/°C, <18°C or>28°C	-	-	-	-	-	-	-	-
Safety: IEC 61010 and designed to meet UL61010 specifications	CAT. III 600V, CAT. II 1000V	CAT. IV 600V, CAT. III 1000V	CAT. IV. 600V, CAT. III 1000V	CAT. III 600V	CAT. III 600V	CAT. III 600V, CAT. II 1000V	CAT. III 600V, CAT. II 1000V	CAT. IV. 600V, CAT. III 1000V
Maximum Conductor Size	27mm dia. (500MCM)	16mm dia.	16mm dia.	16mm dia.	27mm dia. (500MCM)	16mm dia.	35mm dia. (750MCM)	35mm dia. (750MCM)
Maximum Jaw Opening	35mm	-	-	-	35mm	-	38mm	38mm
Power Requirement: Single 9V battery (NEDA 1604A or IEC 6LF22)	-	-	-	-	-	-	-	-
IEC LR03, AM4 or AAA size 1.5V x2	-	-	-	-	-	-	-	-
Battery Life: In hours (No backlit, Alkaline battery)	300	250	300	250	250	250	250	125
Size: 56mm(W) x 188mm (L) x 28mm(H)	-	-	-	-	-	-	-	-
84mm(W) x 175mm (L) x 31mm(H)	-	-	-	-	-	-	-	-
54mm(W) x 193mm (L) x 31mm(H)	-	-	-	-	-	-	-	-
66mm(W) x 198mm (L) x 48mm(H)	-	-	-	-	-	-	-	-
83mm(W) x 200mm (L) x 48mm(H)	-	-	-	-	-	-	-	-
86.5mm(W) x 213mm (L) x 49.5mm(H)	-	-	-	-	-	-	-	-
Weight: In grams (with battery)	225	280	280	250	260	280	375	380
Included with instrument: Test Leads, ZnC battery (installed) and manual	-	-	-	-	-	-	-	-
Delux Carrying Case	-	-	-	-	-	-	-	-

Specification subject to change without notice.

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APPA A Series

The Innovative Electrical Tester

Distributed by:



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Advanced Instrument Technology Made Easy



FULL AUTOMATIC SELECTION

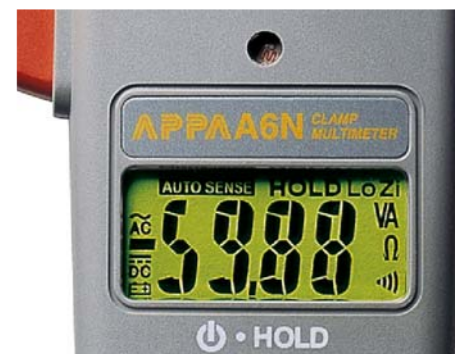
Automatically measuring Voltage, Resistance, Continuity, Diode and Ampere by just turn on the meter,.....the first ever smart electrical tester and clamp meter.

(A3AR, A5AR, A9, A7A, A6N, A6D and A6DR only)



INVENTIVE OPEN JAW

APPA A5AR, A7D, A7A and A5 provide an inventive open jaw technology for AC current measuring without opening a clamp jaw. 16mm jaw opening enable to measure aluminum 4/0 cable.



AUTO BACKLIT

An innovative automatic bright backlit feature on APPA A6N, A6D and A6DR gives you fulltime display visibility and increased battery life.

INNOVATIVE ADVANCED FEATREURES

Featuring a safer and smarter display hold offers you an extra protection of measuring. An additional fast current captured Auto Hold function get your job done faster, safer and more accurate.

(A3AR, A5AR, A9, A7A, A6N, A6D and A6DR only)



PROBE HOLDER

Every A series tester (A5, A5AR, A7D, and A9 only) has a convenient test lead storage also provides probe holder for two poles voltage testing application.



BATTERY EASY TO REPLACE

Unscrew only one or two screws to remove battery door for battery replacement, designed for user's convenience without opening the bottom case.



APPA A5

2000 count digital display
VoltSense™ function
Truly measure up to AC 200A
Aluminum 4/0 cable
AC 200 Amps capability
AC 750 Volts capability
DC 1000 Volts capability
20M Ohms Resistance range
Continuity Beeper
Diode Test
Display Hold
Auto Power Off
Up to 16mm dia. conductor size
CAT. IV 600V/ CAT. III 1000V
Safety Standard



NEW

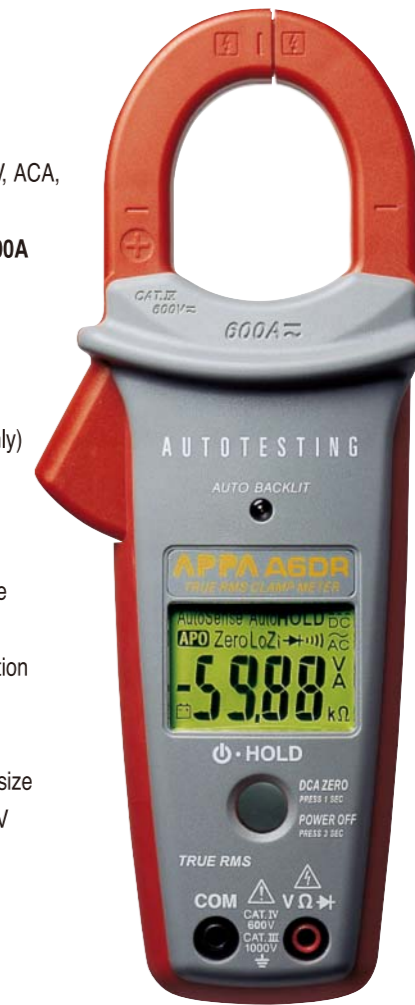
APPA A5AR

10000 count digital display with backlit
Auto Selection on ACV, DCV, Ω, ACA, Diode, and Continuity
True RMS reading on AC mode
0.3% basic DCV accuracy
Smart Data Hold
VoltSense™ feature
(None contact voltage detecting)
AC 200 Amps capability
AC 1000 Volts/DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off
(Enable and Disable available)
Up to 16mm dia. Conductor size
CAT. IV 600V/ CAT. III 1000V
Safety Standard



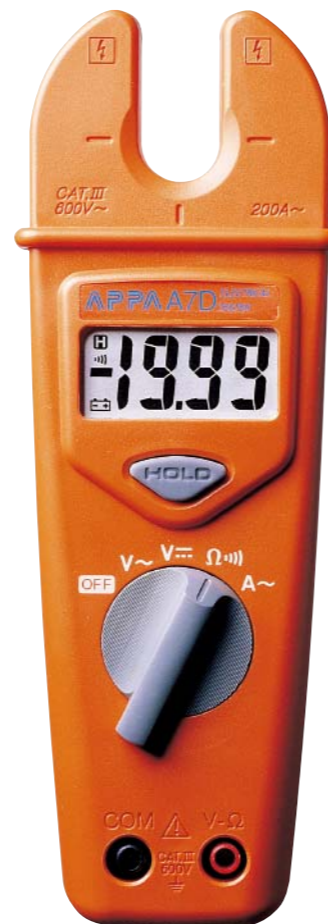
APPA A7A

10000 count digital display
Auto Selection on ACV, DCV, ACA, Ω, Continuity and Diode
Truly measure up to AC 200A
Aluminum 4/0 cable
Single key operation for all functions
Smart Data Hold
Auto Hold (Current mode only)
AC 200 Amps capability
AC 750 Volts capability
DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off (Enable and disable available)
Up to 16mm dia. conductor size
CAT. IV 600V/ CAT. III 1000V
Safety Standard



APPA A6D/A6DR

10000 count digital display
Auto Selection on ACV, DCV, ACA, DCA, Ω, Continuity and Diode
Auto Backlit
True RMS reading on AC mode (A6DR)
Single key operation for all functions
Auto Zeroing key for DCA
Smart Data Hold
Auto Hold (Current mode only)
AC/DC 600 Amps capability
AC 750 Volts capability
DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off (Enable and disable available)
Up to 35mm dia. (750MCM) conductor size
Deluxe carrying case
CAT. IV 600V/ CAT. III 1000V
Safety Standard



APPA A7D

2000 count digital display
Truly measure up to AC 200A
Aluminum 4/0 cable
AC 200 Amps capability
AC 600 Volts capability
DC 600 Volts capability
2000 Ohms Resistance range
Continuity Beeper
Display Hold
Auto Power Off
Up to 16mm dia. conductor size
CAT. III 600V Safety Standard



APPA A9

10000 count digital display
Auto Selection on ACV, DCV, ACA, Ω, Continuity and Diode
Smart Data Hold
Auto Hold (Current mode only)
AC 400 Amps capability
AC 750 Volts capability
DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off (Enable and disable available)
Up to 27mm dia. (500MCM) Conductor
CAT. IV 600V/ CAT. III 1000V
Safety Standard



APPA A6N

10000 count digital display
Auto Selection on ACV, DCV, ACA, Ω Continuity and Diode
Auto Backlit
Single key operation for all functions
Smart Data Hold
Auto Hold (Current mode only)
AC 600 Amps capability
AC 750 Volts capability
DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off (Enable and disable available)
Up to 32mm dia. (750MCM) conductor size
Deluxe carrying case
CAT. III 600V/ CAT. II 1000V
Safety Standard



NEW APPA A3AR

10000 count digital display with backlit
Auto Selection on ACV, DCV, Ω, ACA, Diode, and Continuity
True RMS reading on AC mode
0.3% basic DCV accuracy
Smart Data Hold
VoltSense™ feature
(None contact voltage detecting)
AC 400 Amps capability
AC 1000 Volts/DC 1000 Volts capability
10K Ohms Resistance range
Fast Continuity Beeper
Battery capacity auto indication
Auto Power Off (Enable and Disable available)
Up to 27mm dia. (500MCM) Conductor size
CAT. III 600V/ CAT. II 1000V
Safety Standard