

APPA New 60 Series

Top of Low-Cost Digital Multimeters



APPA®

Advanced Instrument Technology Made Easy

ADD-VALUE DESIGN

Every 60 series meters are designed with two sides front grips for better user-friendly and convenience, also include a built-in smart tilt stand, a nail hook, and convenient test lead storage.



NEW SLIM DESIGN

Ergonomically designed slim shape with one hand operated knob and buttons. Just fit the palm of your hand and your needs.



BATTERY EASY TO REPLACE

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

NONE CONTACT VOLTAGE DETECTING

APPA New 60 series have VoltSense™ feature to detect live cable and outlet without contact also find the cable alignment behind the wall as cable finder.



APPA 61

2000 count large scale digital display
Autoranging and manual selection
ACV, DCV, Ohm, Continuity and Diode function
0.5% basic DCV accuracy
Data Hold
VoltSense™ feature (None contact voltage detecting)
Auto Power Off (Disable)
Shock proof from 4 feet drops
Probe holder and tilt stand
Soft grips of over molding
CAT. III 600V Safety standard



APPA 62

APPA 62R (True-RMS reading)

2000 count large scale digital display
Autoranging and manual selection
ACV, DCV, Ohm, Continuity and Diode function
True RMS reading on AC mode (62R only)
0.5% basic DCV accuracy
Data Hold
VoltSense™ feature (None contact voltage detecting)
10Amp ACA/DCA range
MAX/MIN function key
Frequency Counter
Capacitor measurement
Auto Power Off (Disable)
Shock proof from 4 feet drops
Probe holder and tilt stand
Soft grips of over molding
CAT. III 600V Safety standard



APPA 62T

2000 count large scale digital display
Autoranging and manual selection
ACV, DCV, Ohm, Continuity and Diode function
0.5% basic DCV accuracy
Data Hold
VoltSense™ feature (None contact voltage detecting)
10Amp ACA/DCA range
MAX/MIN function key
Frequency Counter
Capacitor measurement
Temperature measurement
Temp. adaptor and bead probe included
Auto Power Off (Disable)
Shock proof from 4 feet drops
Probe holder and tilt stand
Soft grips of over molding
CAT. III 600V Safety standard



NEW

APPA 66R

APPA 66RT(Temperature Function)

6000 count large scale digital display
Auto detect AC/DC on Voltage and Ampere
Autoranging and manual selection
ACV, DCV, Ohm, Continuity and Diode function
True RMS reading on AC mode
0.5% basic DCV accuracy
Smart Data Hold
VoltSense™ feature (None contact voltage detecting)
10Amp ACA/DCA range
PEAK Hold/Relative function key
Frequency measurement
Capacitor measurement
Temperature measurement (66RT only)
Auto Power Off (Disable)
Beep Guard
Shock proof from 4 feet drops
Comfortable Holster with Probe holder and tilt stand
CAT. III 600V Safety standard



APPA NEW 60 SERIES MULTIMETERS
FEATURES:

	APPA 61	APPA 62/62R	APPA 62T	APPA 66R/66RT
Digital display	2000 count	2000 count	2000 count	6000 count
Range selection	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
True RMS measuring	N/A	• (62R only)	N/A	•
Data hold	N/A	•	•	•
MIN/MAX function	N/A	•	•	•
HoldSense 1M	•	•	•	•
Frequency counter	N/A	•	•	•
Capacitance measurement	N/A	•	•	•
Auditable continuity and Diode test	•	•	•	•
Peak hold/Relative mode	N/A	N/A	N/A	•
Bleep guard	N/A	N/A	N/A	•
Automatic power shut off	•	•	•	•
Shock proof from 4 feet drops	•	•	•	•
Standard full-sleeve safety test leads	•	•	•	•

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

DCV	Ranges	200.0mV ~ 1000V	200.0mV ~ 1000V	200.0mV ~ 1000V	60mV ~ 1000V
	Resolution	0.01mV	0.01mV	0.01mV	0.01mV
	Basic Accuracy	±(0.5%+2d)	±(0.5%+2d)	±(0.5%+2d)	±(0.5%+2d)
	Input Impedance: 10MΩ	•	•	•	•
	Overload Protection: 1000VDC	•	•	•	•
ACV	Ranges	200.0mV ~ 750V	200.0mV ~ 750V	200.0mV ~ 750V	60mV ~ 1000V
	Resolution	1mV	1mV	1mV	0.01mV
	Basic Accuracy: At 50Hz ~ 60Hz	±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)	±(1.0%+5d)
	Input Impedance: 10MΩ	•	•	•	•
	Overload Protection	750VDC	750VDC	750VDC	1000VDC
DCA	Conversion Type: Average sensing RMS indicating	•	TrueRMS (62R only)	•	TrueRMS
	Ranges		2.000A/10.00A	2.000A/10.00A	6.000A/10.00A
	Resolution	N/A	1mA	1mA	1mA
	Basic Accuracy		±(1.0%+3d)	±(1.0%+3d)	±(1.0%+2d)
	Input Protection: 10A/500V fast blowfuse for A input	•	•	•	•
ACA	Ranges		2.000A/10.00A	2.000A/10.00A	6.000A/10.00A
	Resolution	N/A	1mA	1mA	1mA
	Basic Accuracy: At 50Hz ~ 60Hz		±(1.5%+5d)	±(1.5%+5d)	±(1.5%+5d)
	Input Protection: 10A/500V fast blowfuse for A input	•	•	•	•
	Conversion Type: Average sensing RMS indicating	•	TrueRMS (62R only)	•	True RMS
OHM	Ranges	200.0Ω ~ 20.00MΩ	200.0Ω ~ 20.00MΩ	200.0Ω ~ 20.00MΩ	600.0Ω ~ 40.00MΩ
	Resolution	0.1Ω	0.1Ω	0.1Ω	0.01Ω
	Basic Accuracy	±(1.0%+3d)	±(1.0%+3d)	±(1.0%+3d)	±(0.8%+2d)
	Overload Protection: 600V rms	•	•	•	•
	Continuity Beeper	2kHz tone Buzzer	<150Ω	<150Ω	<30Ω
Diode Test	Max. Open Circuit Voltage	2V	2V	2V	1.8V
	Frequency Counter		2kHz ~ 20MHz	2kHz ~ 20MHz	6kHz ~ 100kHz
Frequency Counter	Resolution	N/A	1Hz	1Hz	1Hz
	Basic Accuracy		±(0.01%+1d)	±(0.01%+1d)	±(0.1%+2d)
	Overload Protection: 600V rms	•	•	•	•
Capacitance	Ranges		2nF ~ 2mF	2nF ~ 2mF	10nF ~ 10mF
	Resolution	N/A	1pF	1pF	0.01nF
	Basic Accuracy: ±(1.9%+8d)		•	•	•
	Overload Protection: 600V rms	•	•	•	•
Temperature	Ranges			-20°C ~ -800°C	-40°C ~ -400°C (66RT only)
	Resolution	N/A	N/A	0.1°C	0.1°C
	Basic Accuracy			±(1%+3°C)	±(1%+10d)
Overload Protection: 600V rms	•	•	•	•	

GENERAL:

Sampling Rate:	2 times/sec	2 times/sec	2 times/sec	3 times/sec
Overload Indication: "OL" or "OL"	•	•	•	•
Low Battery Indication:				
Auto Power Off: Approx. 10 minutes	•	•	•	•
Operating Temperature: 0°C~50°C, ±80%RH	•	•	•	•
Storage Temperature: -20°C~60°C	•	•	•	•
Temperature Coefficient: 0.15(Spec Acc)/°C, <18°C or >28°C	•	•	•	•
Safety: IEC 61010 and designed to meet UL3111 specifications	CAT. III 600V, CAT. II 1000V	CAT. III 600V, CAT. II 1000V	CAT. III 600V, CAT. II 1000V	CAT. III 600V, CAT. II 1000V
Power Requirement: IEC LR03, AAA or AAA Size 1.5V x 2	•	•	•	•
Battery Life: In hours (Alkaline battery)	250	250	250	300
Size: 74mm(W) x 156mm(L) x 44mm(H)	•	•	•	•
Weight: In grams	250	250	250	250
Accessories: Test Leads, ZnC battery (installed) and manual	•	•	Also including Temp. adaptor and Bead probe	Also including Temp. probe (66RT only)

Specifications subject to change without notice.

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