

APPA S3 Bluetooth / Digital Multimeter

Description

- **2000VDC measurement for Photovoltaic output**
- Optional designated PV Test Leads
- 6,000 counts digital and 60 segments analog display
- Large white LED backlight display
- True RMS measurements on ACV/ACA
- 0.5% DCV accuracy
- 10A ACA / DCA
- Capacitance Measurement
- Frequency Counter on ACV/ACA
- Diode Test
- °C/°F Temperature Function
- High Frequency Rejection
- Data Logging / Manual Save up to 4000 records
- Bluetooth connection with APPA connect APP
- Auto Ranging
- Smart Hold
- Min/Max Hold
- Relative Function
- VoltSeek™ for non-contact voltage detection
- EasyStick™ holster with built in magnetic sticker
- ContiVision™ for visible continuity beeper
- High Energy Fuse
- Included Holster with Probe Holder, Tilt Stand and Magnetic Sticker
- **CAT IV 600V/ CATIII 1000V Safety Standards**



*One set including :



*Option accessories Test Lead Measuring DC volt for PV :



Option

FEATURES:	APPA S3
Digital display	6000 count
Analog bargraph display	60 segment
Large white LED Backlight	●
True RMS AC measurements	AC/DC
PV Voltage Measurement	●
Smart Data Hold	●
Autoranging	●
Frequency Measurement	●
Resistance Measurement and Diode Test	●
10 Amp ACA/DCA Measurement	●
Micro Ampere Measurement	N/A
Capacitance Measurement	●
Temperature Measurement	●
ContiVision™ visible continuity beeper	●
VoltSeek™ non contact voltage detection	●
EasyStick™ holster with built in magnetic sticker	●
LoZ with Automatic AC/DC voltage selection	N/A
Relative Function	●
MIN/MAX	●
High Energy Fuse	●
High Frequency Rejection	●
Wireless Connect	Bluetooth Ver. 4.0
Data Logging	4000 recordings
Temperature Probe included	●
Shock proof from 4 feet drops	●
Holster with Probe Holder, Tilt	●

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

DCV:	Ranges	600.0mV, 6.000V, 60.00V, 600.0V, 1000V
	Resolution	0.1mV
	Basic Accuracy	±(0.5%+2d)
	Input Impedance: 10MΩ	●
	Overload Protection: AC/DC 1000V	●
ACV:	Ranges	600.0mV, 6.000V, 60.00V, 600.0V, 1000V
	Resolution	0.1mV
	Basic Accuracy: at 45Hz–500Hz	±(1.0%+3d)
	Input Impedance: 10MΩ//<100pF	●
	Overload Protection: AC/DC 1000V	●
PV DCV:	Ranges	600.0V, 2000V
	Resolution	0.1V
	Basic Accuracy:	±(2.0%+5d)
	Input Impedance: <10MΩ	●
	Overload Protection: AC/DC 1000V	●
PV ACV:	Ranges	600.0V, 1500V
	Resolution	0.1V
	Basic Accuracy: at 45Hz–500Hz	±(2.0%+5d)
	Input Impedance: <10MΩ	●
	Overload Protection: AC/DC 1000V	●

DCA:	Ranges	6.000A, 10.00A	
	Resolution	0.001A	
	Basic Accuracy	±(1.0%+3d)	
	Overload Protection: Fuse AC/DC 11A	●	
ACA:	Ranges	6.000A, 10.00A	
	Resolution	0.001A	
	Basic Accuracy: at 45Hz~500Hz	●	
	Overload Protection: Fuse AC/DC 11A	●	
OHM:	Ranges	600.0Ω~40.00MΩ	
	Resolution	0.1Ω	
	Basic Accuracy: 600.0Ω	±(0.9%+5d)	
	6KΩ, 60KΩ, 600KΩ, 6MΩ	±(0.9%+2d)	
	40MΩ	±(1.5%+5d)	
	Overload Protection: AC/DC 1000V	●	
Continuity Beeper:	<20Ω, 2.7KHz tone buzzer		
Diode Test:	Ranges	1.500V	
	Resolution	0.001V	
	Basic Accuracy:	±(0.9%+2d)	
	Open circuit voltage	1.8V max	
	Overload Protection: AC/DC 1000V	●	
Frequency:	Ranges	100.00Hz~100.00KHz	
	Resolution	0.01Hz	
	Basic Accuracy:	±(0.1%+2d)	
	Sensitivity:	1Hz~10KHz, >5V, >0.6A 10KHz~50KHz, >20V, >0.6A	
	Overload Protection: 1000V rms or 11A	●	
Capacitance:	Ranges	1.000μF~10.00mF	
	Resolution	0.1μF	
	Basic Accuracy	±(1.9%+2d)	
	Overload Protection: AC/DC 1000V	●	
Temperature:	Ranges	-40°C~400°C	-40°F~752°F
	Resolution	0.1°C	0.1°F
	Basic Accuracy	±(1%+20d)	±(1%+36d)
	Overload Protection: AC/DC 1000V	●	

GENERAL:

Sampling Rate: 36mes/sec	●
Overload Indication: "OL" or "-OL"	●
Low Battery Indication	[
Auto Power Off: Approx. 20 minutes	●
Operating Temperature: -10°C~50°C, ≤80% RH	●
Storage Temperature: -20°C ~ 60°C	●
Temperature Coefficient: 0.1 x (Spec. Acc)°C, <18°C or>28°C	●
Safety: IEC 61010-1 and designed to meet EN 61326-1 specifications	CAT IV 600V/CAT III 1000V
Power Requirement: 2 x 1.5V battery (NEDA 15A or IEC LR6)	●
Battery Life: In hours (No backlit, Alkaline battery)	300
Size: 82mm(W) x 165mm (L) x 46mm(H)	●
Weight: In grams (with battery)	430
Included with instrument: Test Leads, Protective holster ZnC battery (installed) and manual	(also including Temperature Probe, optional PV Test Leads)