

# APPA179

## Solar PV Clampmeter



- 6,000 counts digital display
- Large white LED backlight display
- AC/DC 1000V Capability
- AC/DC 1500A Capability
- True RMS reading on ACA/ACV
- DC 600mV measurement
- Resistance Diode Capacitance & Frequency measurement
- ContiVision™ for visible Continuity Beeper
- VoltSeek™ for non-contact voltage detection
- 3000ACA measurement via flexible probe
- High Frequency Rejection(HFR)
- Inrush current measurement(100ms)
- DC  $\mu$ A for flame rod testing
- °C/°F Temperature Function
- Auto Ranging
- DCA ZERO
- Smart HOLD
- MIN/MAX
- Torch light on trigger push
- Data Logging / Manual Save up to 4000 records
- Bluetooth connection with APPA connect APP
- Battery Capacity indication in segments
- Auto Power Off
- Deluxe Carrying Case
- CAT IV 600V / CAT III 1000V Safety Standards
- 2000VDC measurement for Photovoltaic output
- Optional designated PV Test Leads

### Features

6000 counts digital	■
Backlight	Large white LED
Autoranging	■
Data Hold	Smart Data Hold
True RMS on ACV	■
True RMS on ACA	■
PV Voltage Capability	2000VDC/1500VAC
High Frequency Rejection	■
DCA Capability	600.0A ~ 1500A
ACA Capability	600.0A ~ 1500A
DCV Capability	0.1mV ~ 1000V
ACV Capability	0.1V ~ 1000V
Frequency Capability	100.0Hz ~ 10KHz
Ohm Capability	600.0 $\Omega$ ~ 600.0K $\Omega$
Diode Test	1.500V
Micro Ampere Capability	4000 $\mu$ A DC
Capacitance Capability	100.0 $\mu$ F ~ 1000 $\mu$ F

Temperature Capability	-40.0°C ~ 400°C/-40.0°F ~ 752°F
Continuity Check/Beeper	■
MIN/MAX/AVG	■
Voltage Seek™ (non contact voltage detection)	■
Inrush Current	■
Max Conductor Size	42mm
Flex Usable	3000A
ContiVision™ (visible continuity beeper)	■
Wireless Connect	Bluetooth Ver. 4.0
Data Logging	4000 recordings
Safety Standard	CAT IV 600V/CAT III 1000V
Battery Requirement	NEDA 15A/IEC LR6, 1.5V*2
DCA Zeroing	■
Torch Light	■
Temperature Probe Included	■
Solar Photovoltaic Electrical Safety Test	■
Designated PV Test Leads	Option

### Specifications

DVC Basic Accuracy	$\pm(0.7\%+2d)$
ACV Basic Accuracy	$\pm(1.0\%+5d)$
PV Voltage Basic Accuracy	$\pm(2.0\%+5d)$
ACA Flexible Basic Accuracy	$\pm(1.5\%+5d)$
$\Omega$ Basic Accuracy	$\pm(0.9\%+2d)$
Diode Basic Accuracy	$\pm(0.9\%+2d)$
DCuA Basic Accuracy	$\pm(1.0\%+3d)$
ACuA Basic Accuracy	$\pm(1.0\%+3d)$
DCA Basic Accuracy	$\pm(2.0\%+5d)$
ACA Basic Accuracy	$\pm(2.0\%+5d)$

Capacitance Basic Accuracy	$\pm(1.9\%+2d)$
Frequency Basic Accuracy	$\pm(0.3\%+3d)$
°C/F Basic Accuracy	$\pm(1.0\%+20d)/\pm(1.0\%+36d)$
Operating Temperature	-10°C ~ 50°C, 80% R.H.
Storage Temperature	-20°C ~ 60°C, 80% R.H.
Temperature coefficient	0.2 x (spec. Accuracy)/°C, <18°C, >28°C
Safety	IEC 61010-1: 600 V CAT IV/1000 CAT III
Pollution Degree	II
Dimension (W x H x D, mm)	62 x 254 x 41



0800 485 990  
www.avo.co.nz

