

TRUE RMS HIGH VOLTAGE DMM

TRUE RMS



- True RMS measurement
- For measuring solar, PV systems
- 4000-count LCD
- Auto ranging
- Bar-graph indication
- Data hold function
- 3000V DC Voltage measurement
- 2000V AC Voltage measurement
- AC mA/uA measurement
- DC mA/uA measurement
- Low battery indication
- Auto power off
- Low power consumption
- Rugged and compact
- Comply with
IEC / EN 61010-1, CAT III 1000V
IEC / EN 61010-1, CAT IV 600V
EN 61326-1
- Comply with CAT III 1000V for the range of 0~1000V AC/DC

CE



- For measuring solar, PV systems



- Hand strap

INSTRUMENT LAYOUT



- (1) LCD
- (2) HOLD Button
- (3) Function Rotary Switch
- (4) $\overline{=}$ \sim Button
- (5) mA μ A Terminal
- (6) COM Terminal
- (7) HV Terminal



SPECIFICATIONS

DC Voltage

Ranges	Resolution	Accuracy
400mV	0.1mV	$\pm(0.5\%rdg+5dgt)$
4V	1mV	
40V	10mV	
400V	100mV	
1000V for CE	1V	$\pm(1.0\%rdg+3dgt)$
3000V for general	1V	

- Input impedance : 10M Ω

AC Voltage

Ranges	Resolution	Accuracy
400mV	0.1mV	$\pm(1.0\%rdg+5dgt)$
4V	1mV	
40V	10mV	
400V	100mV	
1000V for CE	1V	$\pm(1.5\%rdg+3dgt)$
2000V for general	1V	

- Input impedance : 10M Ω

DC mA / μ A

Ranges	Resolution	Accuracy
400 μ A	0.1 μ A	$\pm(1.2\%rdg+5dgt)$
4000 μ A	1 μ A	
40mA	0.01mA	
400mA	0.1mA	

- Overload protection 0.5A/1000V fast blow fuse for 400mA.

AC mA / μ A

Ranges	Resolution	Accuracy
400 μ A	0.1 μ A	$\pm(1.5\%rdg+3dgt)$
4000 μ A	1 μ A	
40mA	0.01mA	
400mA	0.1mA	

- Overload protection 0.5A/1000V fast blow fuse for 400mA.

General

Dimensions	221(L) \times 110(W) \times 57(D)mm	
Weight (battery included)	Approx. 507g	
Power source	1.5V (AA) \times 2 (Alkaline battery)	
Safety standard	IEC / EN 61010-1 CAT III 1000V IEC / EN 61010-1 CAT IV 600V EN 61326-1	
Accessories	Instruction manual Alligator clips Batteries	Test leads Hand strap

Model

8000 HVDM