



Model 8000 HVDM

True RMS High Voltage DMM

TRUE RMS



CE

Features

- True RMS measurement
- For measuring solar, PV systems
- 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

For measuring solar, PV systems



Specifications

DC Voltage

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

- Input impedance : 10M Ω

AC Voltage

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

- Input impedance : 10M Ω

DC mA / μ A

Ranges	Resolution	Accuracy
400 μ A	0.1 μ A	
4000 μ A	1 μ A	$\pm(1.2\%rdg+5dgt)$
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	
4000 μ A	1 μ A	$\pm(1.5\%rdg+3dgt)$
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 standards	IEC / EN 61010-1 CAT III 1000V IEC / EN 61010-1 CAT IV 600V EN 61326-1

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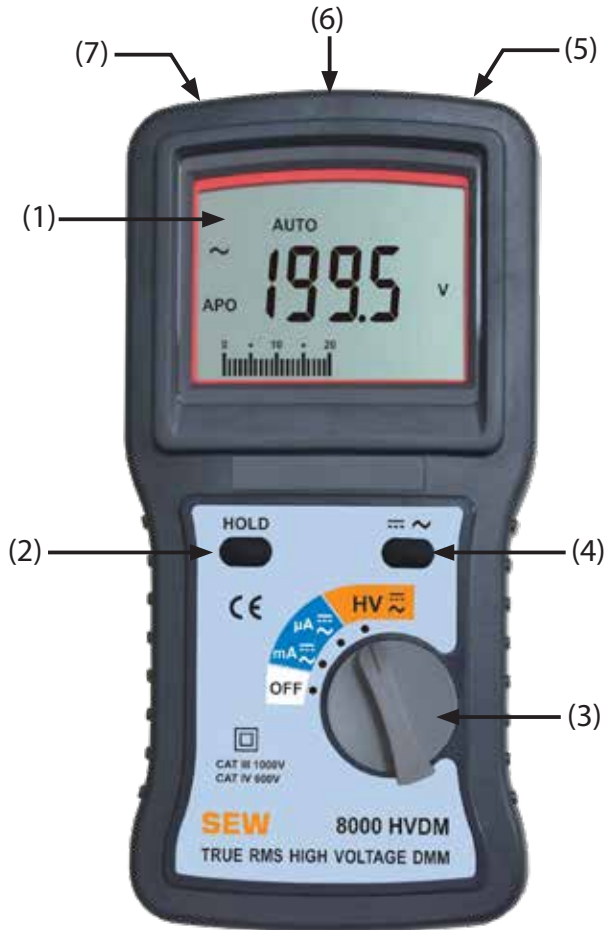
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Instrument Layout



- (1) LCD
- (2) HOLD Button
- (3) Function Rotary Switch
- (4) Button
- (5) mA μ A Terminal
- (6) COM Terminal
- (7) HV Terminal



BET-80XX



Hand strap

Accessories

- Instruction manual
- Test leads
- Alligator clips
- Hand strap
- Batteries



AL-8000 R



AL-30B



AL-30BU



AL-23CAR N
AL-23CAB N



AL-25CBU