

# TRUE RMS HIGH VOLTAGE DMM

# SEW

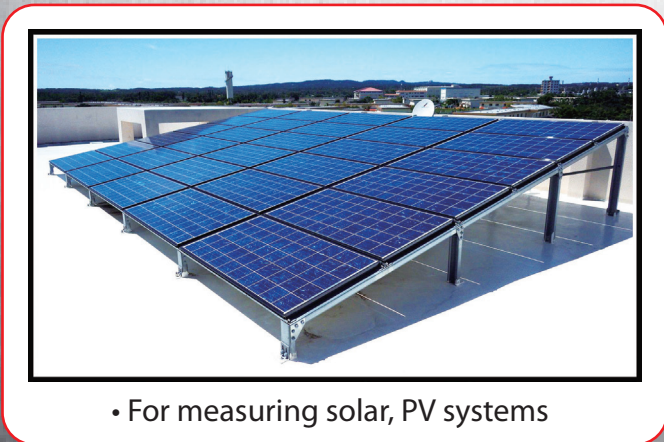
TRUE RMS



IP65

CE

- Protection class: IP65
- 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



• For measuring solar, PV systems



• Hand strap

STANDARD ELECTRIC WORKS CO., LTD.  
www.sew.com.tw

5F., NO.105, JHONGCHENG RD., TUCHENG DIST.,  
NEW TAIPEI CITY 23674, TAIWAN (R.O.C.)  
TEL: 886-2-22681528  
FAX: 886-2-22681529  
e-mail: sales@sew.com.tw

Model  
**8000 HVDM**

## INSTRUMENT LAYOUT



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



## SPECIFICATIONS

# SEW

### 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 $\Omega$

### 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 $\Omega$

### DC mA / $\mu$ A

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

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

### AC mA / $\mu$ A

Ranges	Resolution	Accuracy
400 $\mu$ A	0.1 $\mu$ A	$\pm(1.5\%rdg+3dgt)$
4000 $\mu$ A	1 $\mu$ 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 batteries)	
Safety standard	IEC / EN 61010-1 CAT III 1000V IEC / EN 61010-1 CAT IV 600V EN 61326-1	
Accessories	Instruction manual Alligator clips Alkaline batteries	Test leads Hand strap