



# H8002ADM

## DMM for solar power system & Power equipment



### Features

- 6000-count LCD
- DC 1500V / AC 750V for solar power system & power equipment management
- With magnets for attachment
- AC/DC auto scanning
- AC/DC uA : 600.0 uA ~ 6000 uA
- AC/DC mA : 60.00 mA ~ 600.0 mA
- Resistance : 600.0  $\Omega$  ~ 60.00 M $\Omega$
- Capacitance : 6.000 nF ~ 60.00 mF
- Frequency : 6.000 kHz ~ 100.0 kHz
- Diode, Continuity function
- VAHz function for voltage and current
- Range change function
- Data hold
- Auto power off
- Low battery indication
- Comply with IEC/EN 61010-1, CAT III 1000V, CAT IV 600V
- Operating temperature : 0 ~ 40°C
- Relative humidity : 80% max.



With magnets



For measuring solar, PV systems



# H8002ADM

## DMM for solar power system & Power equipment

### Specifications

#### DC Voltage

Ranges	Resolution	Accuracy
600mV	0.1mV	
6V	1mV	
60V	10mV	$\pm(0.5\%rdg+5dgt)$
600V	100mV	
1000V for CE	1V	
1500V for general	1V	

- Input impedance : 10M $\Omega$

#### AC Voltage

Ranges	Resolution	Accuracy
600mV	0.1mV	
6V	1mV	$\pm(1.0\%rdg+5dgt)$
60V	10mV	
600V	100mV	
750V	1V	$\pm(1.5\%rdg+3dgt)$

- Input impedance : 10M $\Omega$

#### DC mA / $\mu$ A

Ranges	Resolution	Accuracy
600 $\mu$ A	0.1 $\mu$ A	
6000 $\mu$ A	1 $\mu$ A	$\pm(1.2\%rdg+5dgt)$
60mA	0.01mA	
600mA	0.1mA	

- Overload protection 0.6A/1000V fast blow fuse for 600mA.

#### AC mA / $\mu$ A

Ranges	Resolution	Accuracy
600 $\mu$ A	0.1 $\mu$ A	
6000 $\mu$ A	1 $\mu$ A	$\pm(1.5\%rdg+3dgt)$
60mA	0.01mA	
600mA	0.1mA	

- Overload protection 0.6A/1000V fast blow fuse for 600mA



AL-28-5 B



AL-28-5 R



BET-80XX

#### Resistance

Ranges	Resolution	Accuracy
600 $\Omega$	0.1 $\Omega$	
6k $\Omega$	1 $\Omega$	
60k $\Omega$	10 $\Omega$	$\pm(1.2\%rdg+3dgt)$
600k $\Omega$	100 $\Omega$	
6M $\Omega$	1k $\Omega$	
60M $\Omega$	10k $\Omega$	$\pm(2.3\%rdg+4dgt)$

#### Capacitance

Ranges	Resolution	Accuracy
6nF	1pF	
60nF	10pF	
600nF	100pF	
6 $\mu$ F	1nF	$\pm(3\%rdg+10dgt)$
60 $\mu$ F	10nF	
600 $\mu$ F	100nF	
6mF	1 $\mu$ F	
60mF	10 $\mu$ F	

#### Frequency

Ranges	Resolution	Accuracy
6kHz	1Hz	
60kHz	10Hz	$\pm(0.5\%rdg+2dgt)$
100kHz	100Hz	

#### Continuity

Ranges	Audible threshold
600 $\Omega$	Less than 30 $\Omega$

#### Diode

Ranges	Accuracy
2V	$\pm(1.5\%rdg+3dgt)$

#### General

Dimensions: 221(L)  $\times$  110(W)  $\times$  57(D)mm  
 Weight: Approx. 513g (battery included)  
 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

Accessories: Instruction manual      Test leads  
 Hand strap                              Batteries