



Solar power meter is a device used to measure solar power (sunlight). When the sun shines recklessly, just take the DT-1307 and aim its opening to the sun, and you will see how powerful the sun is. If you want your skin white, you surely cannot do without it!

Measurement: Expressed by  $\text{w/m}^2$  or  $\text{BTU}/(\text{ft}^2 \cdot \text{h})$ .

### Safety

This meter is in compliance with safety standard EN 61010-1 related to electronic measuring instruments.

## DT-1307

### SOLAR POWER METER

- | Sunlight measurement up to  $1999 \text{w/m}^2$  or  $634 \text{BTU}/(\text{ft}^2 \cdot \text{h})$
- | High accuracy and rapid response
- | Data HOLD function to Hold measurement values
- | Unit and sign display for easy reading
- | Measuring unit selection among  $\text{w/m}^2$  and  $\text{BTU}/(\text{ft}^2 \cdot \text{h})$
- | Manual scale selection
- | Direct reading with no adjustments needed
- | Maximum and minimum values
- | Low battery indication



### Electrical Specifications

Operating Temp. & RH	5°C - 40°C, below 80% RH
Storage Temp & RH	-10°C - 60°C, below 70%
Display	3-1/2 digits LCD with maximum reading 1999
Sampling time	Approx 0.25 second
Resolution	1W/m <sup>2</sup> 1 BTU/(ft <sup>2</sup> *h)
Accuracy	typically within $\pm 10\text{W/m}^2$ [ $\pm 3\text{BTU}/(\text{ft}^2*\text{h})$ ] or $\pm 5\%$ , whichever is greater in sunlight, Additional temperature induced error $\pm 0.38\text{W/m}^2/^\circ\text{C}$
Accuracy	< $\pm 3/\text{year}$
Over - input	Display shows 'OL'
Range	1999W/m <sup>2</sup> , 634BTU/(ft <sup>2</sup> *h)
Size	160 (L)*63(W)*28(H)
Weight (including battery)	About 250g

### Accessories

User Manual, 4.5V (1.5V AAA\* 3) Alkaline Battery, Carrying Case, Test Certificate



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