



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  $w/m^2$  or  $BTU/(ft^2 \cdot h)$ .

### 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  $1999w/m^2$  or  $634BTU/(ft^2 \cdot h)$
- | High accuracy and rapid response
- | Data HOLD function to Hold measurement values
- | Unit and sign display for easy reading
- | Measuring unit selection among  $w/m^2$  and  $BTU/(ft^2 \cdot h)$
- | 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 $\pm 0.38\text{W}/\text{m}^2/^\circ\text{C}$
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



Contact :

**CEM INSTRUMENTS (INDIA) PVT. LTD.**

32A, Ganesh Chandra Avenue, 4th Floor, Kolkata-700013

Tel: 033-22151376, 22159759

Email: [info@cem-instruments.in](mailto:info@cem-instruments.in) / [info@cem-india.com](mailto:info@cem-india.com)

Web: [www.cem-instruments.in](http://www.cem-instruments.in) / [www.cem-india.com](http://www.cem-india.com)

**CEM INSTRUMENTS HEADQUATER & FACTORY**

19th Building, 5th Region, Baiwangxin Industry Park,

Songbai Road, Baimang, Xili, Nanshan, Shenzhen,

China, 518108

Tel: +86-755-27353188, Fax: +86-755-27653699