



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 $\text{BTU}/(\text{ft}^2 \cdot \text{h})$.

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 1999w/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 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 ² 1 BTU/(ft ² *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 ² , 634BTU/(ft ² *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