

## SOLAR POWER METER DT1307

**APPLICATION:** Solar power meter is a device used to measure solar power (sunlight). When the sun shines brightly, simply take the DT-1307 and aim its opening towards the sun, and you will see how powerful the sun's rays are.

### FEATURES:

- Sunlight measurement up to 1999w/m<sup>2</sup> or 634BTU/(ft<sup>2</sup>\*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<sup>2</sup> and BTU/(ft<sup>2</sup>\*h)
- Manual scale selection
- Direct reading with no adjustments needed
- Maximum and minimum values
- Low battery indication



### SPECIFICATION:

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 $\pm 10\text{W/m}^2$ $[\pm 3\text{BTU}/(\text{ft}^2\cdot\text{h})]$ or $\pm 5\%$ , whichever is greater in sunlight, Additional temperature induced error $\pm 0.38\text{W/m}^2/\text{°C}$
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) Battery, Carrying Case, Test Certificate.