

1300/1301/1308 are easy to use with pocket size and light weight, providing accurate display light level in terms of Foot Candles (FC) or LUX over wide range. Just turning the Function Switch to select the "lux" scale and setting the range to desired range, then removing the photo detector to light source in a horizontal position and reading the illuminance normal from the LCD display. When the measurement is completed, replace the photo detector from the light source.

- Over-range indication
- Long life silicon photo diode inside
- Measurement rate: 1.5 times per second

Widest range to 40,000Fc/  
400,000 Lux

**Features**

	1300	1301	1308/1309
LCD display counts	2000	2000	4000
Auto Ranging			*
Analog bargraph/segments			41-segments
Peak Hold	*	*	*
Relative mode			*
Max and Data Hold		*	*
Auto Power Off		*	*
Low battery indication	*	*	*
User selectable FC/Lux		*	*
USB interface			-/*
Total accuracy: for C.I.E standard illuminate A(2856K)			

**Specifications**

Max Range	50,000lux/Fc(1300,1301); 400,000Lux(1308)
Accuracy	±5%±10d(<10,000Lux) ±10%±10d(>10,000Lux)
Max Resolution	0.1lux/Fc
Measuring rate	1.5 times/second
Photo Detector	115mm x 60mm x 27mm



Model 1308



EMC  
EN: 61326



Model 1301

**ST-1307 Solar Power Meter**



Size(HxWxD): 162mm x 63mm x 28mm  
Weight: 176g

**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

**Specifications**

Display	3-1/2 digits LCD with maximum reading 1999.
Range	1999W/m <sup>2</sup> , 634BTU/(ft <sup>2</sup> *h)
Resolution	1W/m <sup>2</sup> , 1BTU/(ft <sup>2</sup> *h).
Accuracy	typically within ±10W/m <sup>2</sup> [±3BTU/(ft <sup>2</sup> *h)] or ±5%
Sampling time	Approx 0.25 second.

**Accessories :**

- One 12V (A23) battery and One Photo Detector.(1300,1301)
- One 9V battery and One Photo Detector.(1307/1308/1309)
- Carrying case and Gift box.