

Product Datasheet - Technical Specifications



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SEFRAM9858 Solar Power Meter

■ Features:

- Solar power measurement
- Detachable sensor for remote measurement
- MIN, MAX and HOLD functions
- Selectable measurement units: $1\text{W}/\text{m}^2$ or $1\text{BTU} / (\text{ft}^2 \cdot \text{h})$
- Adjustable auto shut-off
- Tripod slot under sensor
- Very easy to use

Specifications

Measuring range	0 ~ 1999 W/m^2 , 0 ~ 634 $\text{BTU} / (\text{ft}^2 \cdot \text{h})$
Resolution	0.0 ~ 1 W/m^2 , 0.0 ~ 1 $\text{BTU} / (\text{ft}^2 \cdot \text{h})$
Spectral response	400 ~ 1100 nm
Over range	display "OL"
Accuracy	Typically within $\pm 10\text{W}/\text{m}^2$ $\pm 3 \text{BTU} / (\text{ft}^2 \cdot \text{h})$ or $\pm 5\%$ whichever is greater in sunlight; Additional temperature induced error $\pm 0.38\text{W}/\text{m}^2 / ^\circ\text{C}$ [$\pm 0.12\text{BTU}/(\text{ft}^2 \cdot \text{h})/^\circ\text{C}$] from 25°C
Response time	0,5 second
Light detector	Si Photodiode
Battery Type	battery 1,5V type AA (x2)
Operating temperature	$0^\circ\text{C} \sim 40^\circ\text{C}$
Storage temperature	$-10^\circ\text{C} \sim 50^\circ\text{C}$
Autonomy	Up to 80 hours
Dimensions	169 X 63 X 37mm
Weight	210g
Accessories	Manual, batteries, carrying case



Rotating head



carrying case

For assistance and ordering