

TECHNICAL DATA

Amprobe SOLAR-100 Solar Power Meter



Key features

- Measure solar power and transmission up to 2000 W/m², 634 BTU / (ft²·h)
- Measure power per unit area of incident solar radiation
- Calculate solar power transmission percentage of the material with transmission mode
- Convenient and easy to read display with remote sensor technology
- Selectable measurement units either W/m² or BTU / (ft²·h)

Product overview: Amprobe SOLAR-100 Solar Power Meter

With the SOLAR-100 solar power meter, optimize the placement of PV panels and calculate overall energy and efficiency of PV systems by measuring power per unit area of incident solar radiation. Verify window efficiency and performance by calculating the heating or heat reduction caused by direct sunlight.

Solar and PV installation applications:

- Check thermal performance of calculate and verify heating or heat reduction caused by direct sunlight
- Solar radiation measurements
- Solar power research for location of the solar panels or solar water heater
- Transmission mode calculates the solar power transmission percentage of the material for example how much solar power in % will be transmitted through the window
- Maximum or minimum reading mode displays the highest or lowest reading in a session to track a sudden increase or decrease in readings
- Hold function keeps a reading on the display



- Liquid crystal display (LCD) provides readings at a glance
- Also ideal for use in physics and optical laboratories, agriculture and meteorology

[Useful resources and rugged tools for Solar professionals](#)

Specifications: Amprobe SOLAR-100 Solar Power Meter

Features	SOLAR-100
Solar power	Up to 2000 W/m2, 634 BTU/(ft2xh)
Max/min	•
Data hold	•

Specifications	
Display:	3½ digits, 2000 readings
Range:	1999 W/m2, 634BTU / (ft2xh)
Battery:	1 X 9V Alkaline battery (NE DA 1604A, IE C 6LR61) included

Ordering information



SOLAR-100

- Measures the solar power and transmission up to 2000 W/m², 634BTU / (ft²xh)
- Power Mode – measurement of the power per unit area of incident solar radiation

Included Accessories: Battery (installed), carrying case, users manual

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