

# BTU Solar Power Meter

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## DISPLAY:

- 3½ digits LCD display with maximum reading of 2000.
- Remove sensor, wire length 1.5M.
- Select either power or transmission.
- Select wither W/m2 or BTU/ ( ft2 x h)
- Data Hold/ MAX/MIN functions.



## APPLICATION:

- Solar radiation measurement.
- Solar power research.
- Physics and optical laboratories.
- Identify high performance windows.
- Simple to use General data.

## SPECIFICATIONS:

- Accuracy : Typically within +/- 10W/m2 [ $\pm 3$  BTU/ (ft2xh)] or +/- 5% whichever is greater in sunlight; Additional temperature included error +/- 0.38 W/m2 / ° C [ $\pm 0.12$  BTU/ (ft2xh)] / ° C] from 25 ° C.
- Angular accuracy: Cosine corrected <5% for angles <60°.
- Drift: < +/- 2% per year.
- Over-input: Display "OL".
- Sampling time: 0.25 second.
- Operating Temp. and Humidity : 0° C ~ 50 ° C below 80% RH.

DIMENSION: 130mm x 55mm x 39mm (L x W x H)

WEIGHT: About 150g.

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