

TECHNICAL DATA



Features

- Measures the solar power and transmission up to 2000W/m², 634BTU/(ft²xh)
- Easy-to-read display with remote sensor technology
- User Selectable W/m² or BTU/(ft²xh)
- Max/Min and Data Hold functions
- Overrange indicator
- Low battery indicator and auto shut-off
- Includes sensor cap, carrying case and battery

Model	Description
R8180	Solar Power Meter
CA-05A	Medium Soft Carrying Case

Specifications

Solar Power Meter

Measuring Range:	0 to 1999W/m ² 0 to 634BTU/(ft ² xh)
Accuracy:	±10W/m ² ±3BTU/(ft ² xh) or ±5% whichever is greater in sunlight Additional temperature included error ± 0.38W/m ² /°C ±0.12BTU/(ft ² xh)/°F (°C) from 77°F (25°C)
Angular Accuracy:	Cosine corrected <5% for angles <60°
Resolution:	0.1, 1
Response Time:	250mS
Display:	3½-Digit, LCD
Data Hold:	Yes
Min:	Yes
Max:	Yes
Auto Zero:	Yes (Adjustment Screw)
Overrange Indicator:	Yes ("OL")
Tripod Mountable:	Yes
Power Supply:	9V Battery
Product Certifications:	CE, EMC Compliant, Conforms to EN61326-1
Operating Temperature:	41 to 104°F (5 to 40°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity Range:	10 to 80%
Dimensions:	5.2 x 2.4 x 1.5" (132 x 60 x 38mm)
Weight:	5.3oz (150g)