



1. TECHNICAL SPECIFICATIONS

Accuracy is referred to the herewith conditions: $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$; $< 70\%\text{HR}$

SOLAR RADIATION [W/m^2]

Range [W/m^2]	Resolution [W/m^2]	Accuracy	Accuracy for temperature
1 ÷ 1999	1	> between $\pm 10 \text{ W}/\text{m}^2$ and $\pm 5\%\text{rdg}$	$\pm 0.38 \text{ W}/\text{m}^2 / ^{\circ}\text{C}$ from 25°C

SOLAR RADIATION [$\text{BTU}/(\text{ft}^2\cdot\text{h})$]

Range [$\text{BTU}/(\text{ft}^2\cdot\text{h})$]	Resolution [$\text{BTU}/(\text{ft}^2\cdot\text{h})$]	Accuracy	Accuracy for temperature
1 ÷ 634	1	> between $\pm 3 \text{ BTU}/(\text{ft}^2\cdot\text{h})$ and $\pm 5\%\text{rdg}$	$\pm 0.12 \text{ BTU}/(\text{ft}^2\cdot\text{h})/^{\circ}\text{C}$ from 25°C

2. GENERAL SPECIFICATIONS

Mechanical specification

Dimensions: 172(L) x 60(W) x 38(H)mm
Weight (included battery): ca 150g

Power supply

Power supply: 1x9V battery type 6LR61
Low battery indication: "⚡" symbol when voltage battery level is too low
Battery life: ca 100 hours (alkaline)

Display

Features: LCD, 3 ½ digits with "OL" indication
Sample rate: 4 times/s

ENVIRONMENT

Environmental conditions

Reference temperature: $23^{\circ} \pm 5^{\circ}\text{C}$
Working temperature: $5 \div 40^{\circ}\text{C}$
Working humidity: $< 80\%\text{HR}$
Storage temperature: $-10 \div 60^{\circ}\text{C}$
Storage humidity: $< 70\%\text{HR}$
Max altitude: 2000m

**This meter is compliance to the prescription of the EMC standard:
EN61326 (1997) + A1 (1998) + A2 (2001)**