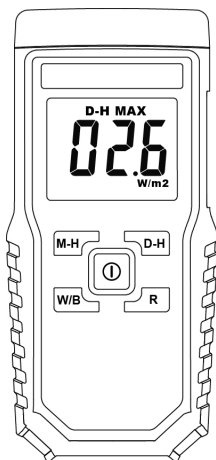


TENMARS

Solar Power Meter






TM-206A

User's Manual



HB2TM206A000

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1 Introduction:

The instrument measurement the solar power from the solar power.

2 Accessories:

- 1 Meter
- 1 User's Manual
- 1 9V battery (NEDA 1604 IEC 6F 22 JIS 006P)
- 1 Carrying case

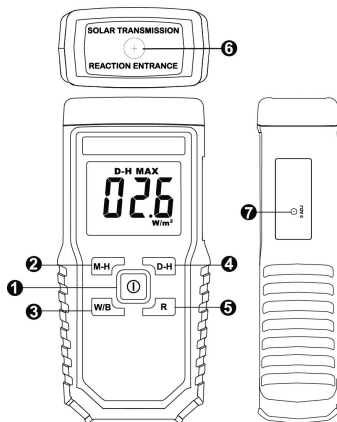
3 Safety Precaution:






	Caution! Please refer to this manual. Improper use may damage the meter and its components.
	Complies with European Directive.

- Operating altitude: up to 2000M.
- Operating environment: Indoor use; Pollution degree 2.
- Clean with soft cloth when dirty, such as glasses cloth. Do not clean with chemicals and other solvents.
- EMC: EN61326-1:CISPR 11:Group 1, Class B
- ✧ Class B – Equipment for use in all establishments other than domestic.
- ✧ Group 1 – RF energy generated is needed for internal functioning.

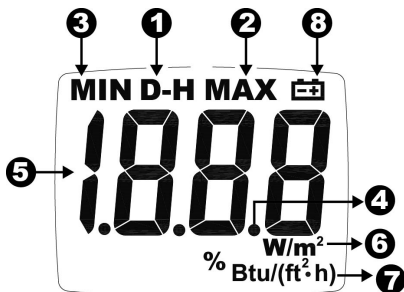
4 Instrument Description:

4.1 Feature and function



1. : Turn power on or off button
2. : Maximum and minimum hold button.
3. : Selects BTU (ft²*h) or W/m² unit button.
4. : Data hold button.
5. : Ranging hold.
6. SOLAR Sensor
7. 0 Adj.


4.2 LCD display indication




1. Data hold .
2. Max. value.
3. Min. value.
4. Decimal point.
5. Numeral screen.
6. W/m² unit
7. BTU (ft²·h) unit
8. Low battery indicator




5 Operation:

5.1 Power on/off

Press  to turn the power on or off


5.2 Maximum and Minimum Hold

Press the  button to display the max. or min. reading.


Press  to enable MIN/MAX function; again press  to show the MAX and MIN values by turns. Press and hold  to quit.

The measured data can be held and updated as the measured the MAX and MIN values.

5.3 BTU (ft²*h) / W/m² button:

Press the  button to switch from BTU (ft²*h) to W/m². To select a different unit, just press this button once again.

5.4 Data hold button:

Press  to enable or disable the data hold function.


5.5 Manual range selection

Select 199.9 or 1999 display scales.

5.6 0 Adj:

If the display does not to 0, please adjust 0 Adj in an indoor low-light environment so that the display is 0

6 General Specifications:


- 3 1/2 digital display with max. 1999 reading.
- Overloading indication :OL °
- Low voltage indicator .
- Sampling time: 2.5 second.
- Dimension: 140 (L) x 65 (W) x 37.5 (H) mm
- Weight: 300 g (excluding battery weight)
- Power: 9V battery (NEDA 1604 IEC 6F 22 JIS 006P).
- Battery life up to about 100 hours.
- Operation temperature and humidity: 5°C to +40°C, <80%RH
- Storage temperature and humidity: -10°C to +60°C, <70%RH.

7 Electrical Specification (at 25 °C)

Measuring range	Resolution	Accuracy
0~199.9W/m ²	0.1	± 10W/m ² or ±5%
0~1999W/m ²	1	
0~199.9 BTU /(ft ² *h)	0.1	3 BTU /(ft ² *h) or ±5%
0~634 BTU /(ft ² *h)	1	

※whichever is greater in sunlight; Additional
temperature induced error ±0.38W/m² / °C
[±0.12 BTU / (ft²*h)/ °C] from 25°C

8 Maintenance or Repair


1. When the When  symbol is displayed on the LCD, it means that there is insufficient power; please change the battery immediately in order to ensure its accuracy.
2. Do not place the meter in locations that have high temperature, humidity or that are exposed to direct sunlight.
3. Remember to turn off the power after usage; remove the battery if not used for a long period of time in order to prevent battery leakage and causing damages to internal components.
4. When the instrument failure, only by the authorized service provider or return the original repair.

9 Battery Replacement

1. Turn off the power.
2. Open the battery cover at the back of the meter, remove the batteries.
3. Please insert new 9V batteries according to the polarities.
4. Put the battery cover back in place.



Caution

As battery low icon  appears on the LCD display, please replace the battery immediately by the correct steps.

10 Product Disposal:



Note: This symbol indicates that the meter and its accessories must be separated and processed properly.

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Professional Electrical and Environment Test & Measurement Instruments:

LED light meter, Temperature & Humidity meter, Infrared Thermometer, Sound level meter, Light meter, EMF meter, UV Light meter, RF meter, Hot wire Anemometer, Co meter, Anemometer, Lan cable tester, Co2 meter, Solar power meter, Radiation meter, Clamp meter, Multimeter, Phase Rotation test, Digital Insulation tester

**Our products of high quality are
selling well all over the world**

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<http://www.tenmars.com>**