KUSAM-MECO®
An ISO 9001:2015 Company

SOLAR POWER METER
MODEL - KM 828

THINK SAFETY
THINK KUSAM-MECO®

The meter is a precision instrument for measuring light intensity. It is used in Solar radiation measurement, Solar research, physical & optical experiments, metrology, & agriculture. I can also be used to measure glass light intensity to verify glass properties. (measurement of light intensity through vehicle windows)



FEATURES

- **Display :** 4½ Digit Lcd display, maximum displayed numerical value 19999, over load "OL".
- **Selectable from two units W/m² & Btu**
- **Data retention function**
- **Wide measure range without adjustment.**

GENERAL SPECIFICATIONS	
Measuring Range	0.1 ~ 1999.9 **W/m²** , 0.1 ~ 1999.9 **Btu / (ft²-h)**
Resolution	0.1**W/m²** , 0.1**Btu / (ft²-h)**
Error Range	± (10%R + 2dgts) R:readings
Temperature Error	± 0.38 **W/m²** / °C [± 0.12 Btu/(**ft²-h)** /°C] deviation at 25°C
Drift	< ± 1.5% / year
Wave length range	340 ~ 1100nm; incidence Angle normal direction less than ±45 degree;
Peak Wavelength	900nm
Sampling Rate	About 2.5 times per second
Operating Temperature & RH	0ºC ~ 40ºC; <80%RH.
Storage Temperature & RH	-10ºC ~ 50ºC; <70%RH.
Power Supply	9V 6F22 battery
Dimension	Approx. 132(L) x 60(W) x 38(H) mm
Weight	Approx. 150gm
Accessories	Users Manual, Battery & Carrying case.

All Specifications are subject to change without prior notice.

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