



FEATURES

Wide Spectral Range	Excellent Long Term Stability
Cosine Corrected	Automatic Transmission Coefficients
Select either power or transmission	Solar power or transmission
Current time setting function	User calibration factor setting function
End mount light sensor	Select either W/m ² or BTU units
Data Hold/MAX/AVG modes	Data Memory and Read Function
Auto Data Memory (TES 1333R)	RS-232 Interface to PC (TES 1333R)

TECHNICAL SPECIFICATIONS

Display	3-1/2 digits.Max.indication1999
Range	2000W/m ² , 634Btu/(ft ² * h)
Resolution	0.1W/m ² , 1Btu/(ft ² *h)
Spectral response	400-1100nm
Accuracy	Typically within ± 10W/m ² [±3 Btu / (ft ² *h)] or ±5% , whichever is greater in sunlight; Additional temperature induced error ±0.38W/m ² / °C [±0.12 Btu / (ft ² *h)/ °C] from 25°C
Angular accuracy	Cosine corrected <5% for angles <60 °
Drift	<±2% / per year
Calibration	User recalibration available
Over-input	Display shows" "
Sampling Time	Approx. 0.4 second
Manu data memory and read	99 sets
Auto data memory	32000 sets (TES-1333R)
Battery	4pcs size AAA
Battery Life	Approx. 100 hours
Operating temp and humidity	0 °C to 50 °Cbelow 80%RH
Storage temp and Humidity	-10 °C to 60 °C below 70% RH
Weight	Approx. 165g
Dimension	111(L)*64(W)*34(H)mm
Accessories	Carrying Case, Operation Manual, 4 pcs size AAA, RS-232 cable (for TES-1333R), CD software (For TES-1333R)