



FEATURES

- * Simultaneous Display of W, A, V (PF or Hz)
- * True RMS V, A, W
- * Auto Calibration Via Computer
- * Max. / Min. / Hold Function
- * High Immunity to External Noise
- * CT Ratio (1 ~ 9999)
- * PT Ratio (1 ~ 9999)
- * Option : RS-232C or RS-485 Interface

GPM-8212

SPECIFICATIONS

VOLTAGE	
Range	5V, 10V, 20V, 40V, 80V, 160V, 320V, 640V total 8 ranges by auto-range or manual.
Measurement Type	True rms
Input Resistance	$\geq 1M \Omega$
Maximum Input Voltage	1000V(peak), 700V(rms)
PT Ratio Setting	1 ~ 9999
Accuracy (at $23^{\circ}C \pm 5^{\circ}C$) (Sinewave)	$\pm 0.1\%$ of reading $\pm 0.1\%$ of range

CURRENT	
Range	160mA, 320mA, 640mA, 1.280A, 2.560A, 5.120A, 10.24A, 20.48A total 8 ranges by auto-range or manual
Measurement Type	True rms
Input Resistance	0.01Ω
Maximum Input Current	30A(peak), 20A(rms)
CT Ratio Setting	1 ~ 9999
Accuracy (at $23^{\circ}C \pm 5^{\circ}C$) (Sinewave)	$\pm 0.1\%$ of reading $\pm 0.1\%$ of range

WATT	
Measurement Range	0.32mW ~ 13.10kW
Measurement Type	True rms
Accuracy (at $23^{\circ}C \pm 5^{\circ}C$) (Sinewave)	$\pm 0.2\%$ of reading $\pm 0.2\%$ of range

POWER FACTOR	
Range	0.001 ~ 1.000
Computation	$W \div (V \times A) = \text{Power factor (PF)}$

FREQUENCY	
Measurement Range	40Hz ~ 400Hz
Accuracy($23^{\circ}C \pm 5^{\circ}C$)	$\pm 0.2\%$ of reading ± 2 digits

GENERAL	
Display	4 digits 0.56" LED and 2 sets of 4 digits 0.4" LED
Minimum Input	2% of range
Response Time	2 cycles/sec
Overload Indicating	" O.L."

POWER SOURCE	
AC 100 ~ 230V, 50/60Hz	

ACCESSORIES	
Instruction manual x 1 , Power cord x 1	

DIMENSIONS & WEIGHT	
251(W) x 91(H) x 291(D) mm, Approx. 1.6kg	

ORDERING INFORMATION

GPM-8212 A.C. Power Meter

Option

- Opt.01** RS-232C Interface (Factory Installed)
Opt.02 RS-485 Interface (Factory Installed)