



## 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

<b>VOLTAGE</b>	
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

<b>CURRENT</b>	
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	$0.01 \Omega$
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

<b>WATT</b>	
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

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

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

<b>GENERAL</b>	
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."

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

<b>ACCESSORIES</b>	
Instruction manual x 1 , Power cord x 1	

<b>DIMENSIONS &amp; WEIGHT</b>	
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 )