

GPM-8212 Specifications

The specifications apply when the GPM-8212 is powered on for at least 30 minutes and under +18°C~+28°C.



(with optional RS-232 or RS-485)

VOLTAGE	
Range	5V, 10V, 20V, 40V, 80V, 160V, 320V, 640V total 8 ranges by auto-range or manual
Measurement Type	True rms
Input Resistance	$\geq 1\text{M}\Omega$
Maximum Input Voltage	1000V (peak), 700V (rms)
PT Ratio Setting	1 ~ 9999
Accuracy(at 23°C±5°C) (Sinewave)	± 0.1% of reading ± 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°C±5°C) (Sinewave)	± 0.1% of reading ± 0.1% of range
WATT	
Measurement Range	0.32mW ~13.10kW
Measurement Type	True rms
Accuracy(at 23°C±5°C) (Sinewave)	± 0.2% of reading ± 0.2% of range
POWER FACTOR	
Range	0.001 ~ 1.000
Computation	$W / (V \times A) = \text{Power Factor (PF)}$
Accuracy(at 23°C±5°C) (Sinewave)	± 0.2% of reading ± 0.2% of range
FREQUENCY	
Measurement Range	40Hz ~ 400Hz
Accuracy(at 23°C±5°C)	± 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 cycle / Sec
Overload Indicating	" O.L "
POWER SOURCE	
	AC 100 ~ 230V, 50/60Hz; Power consumption: 28VA max.
DIMENSIONS & WEIGHT	
	251(W) × 91(H) × 291(D) mm; Approx. 1.6 kg