



ENGLISH

Datasheet

Stock No. 123-2244

IPM 3600N

3600N 3P4W POWER ANALYZER



FEATURES

- 10 Display Easy - to - View LCD Screen.
- Connectors for 4 Current Sensing Clamps.
- 1P2W, 1P3W, 3P3W2M, 3P3W3M & 3P4W Power Measurement.
- True RMS Sensing.
- Power KW, KVAR, KVA, PF, θ , Hz, & Energy KWh, KVARh & KVAh Measurement.
- Phase sequency indicator function.
- Backlight display function.
- Manual Data Memory and Read (50 sets).
- Data Logging (4G SD CARD Memory)
- Programmable Trigger - Points and Start / Stop Time.
- USB Optical Interface with three phase voltage /current Waveform display and Harmonic analysis.
- Easy - to - use Push - Button Operation.
- Light Weight, Portable Design.

SPECIFICATIONS

AC Voltage Trms measurement (Vrms) :

Range	Resolution	Accuracy	Input impedance	Overload protection	Nominal power system frequency
10 to 999.9V	0.1V	$\pm(0.3\%rdg\pm 10dgts)$	2M Ω	1000Vrms	50Hz

AC Current Trms Measurement (Arms) :

Range	Resolution	Accuracy (including current probe)	Current probe output	Overload protection	Nominal power system frequency
10 to 299.9A	0.1A	$\pm 0.5\%rdg\pm 15dgts$	0.35mV/A	1000Arms	50Hz
300 to 999.9A		$\pm 1.2\%rdg\pm 15dgts$			

Active Power measurement P (KW) :

Range	Resolution	Accuracy
0.1 to 999.9KW	0.1KW	$\pm 1.0\%rdg\pm 20dgts$ (10 to 299.9A) $\pm 1.5\%rdg\pm 20dgts$ (300 to 999.9A)

Apparent Power measurement S (KVA) :

Range	Resolution	Accuracy
0.1 to 999.9KVA	0.1KVA	$\pm 1.0\%rdg\pm 20dgts$ (10 to 299.9A) $\pm 1.5\%rdg\pm 20dgts$ (300 to 999.9A)

Reactive Power measurement Q (KVAR) :

Range	Resolution	Accuracy
0.1 to 999.9KVAR	0.1KVAR	$\pm 1.0\%rdg\pm 20dgts$ (10 to 299.9A) $\pm 1.5\%rdg\pm 20dgts$ (300 to 999.9A)

Power Factor measurement (COS ϕ) :

Range	Resolution	Calculated Accuracy
-1 to +1	0.001	$\pm 10dgt$



Phase angle measurement (ϕ) :

Range	Resolution	Calculated Accuracy
0.1° to +180°, 0.1° to -180°	0.1°	$\pm 15dgt$

Frequency measurement (Hz) :

Range	Resolution	Accuracy	Measurement source
50Hz	0.1Hz	$\pm 0.1\%rdg\pm 2dgt$	Voltage U1 > 50V

Three Phase Sequence Detection :

Input voltage range	Normal phase indication	Reverse phase indication	Measurement source
3P > 50V to 1000V	123 	123 	U1, U2 and U3

