

WATT, VA, Whr, Power factor, Hz, ACV, ACA, RS232 interface

POWER ANALYZER

Model : DW-6091

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

POWER ANALYZER, Model : DW-6091

FEATURES

* Multi-functions : WATT, VA, Whr, Power factor, ACV, ACA, Hz.	* Built-in data hold function.
* True AC power (Watt) & apparent power (VA) measurement.	* RS-232 output interface.
* True rms display for ACV, ACA.	* Exclusive custom exclusive design LSI circuit, provides high accuracy, reliability and durability.
* Supper large LCD, easy to read-out, display the Watt, Power factor, Voltage & Current value at the same time.	* Built-in over input indication.
* Auto range.	* Power supply by batteries.
	* Built-in low battery indicator .
	* Durable plastic housing case with handle.

GENERAL SPECIFICATIONS

Display	* 93 mm x 52 mm large LCD (Liquid Crystal Display) display. * Multi-display unit, show Watt, Volt, Ampere, Power factor or Hz at same time.	Data Output	RS232 serial interface.
		Sampling Time	Approx. 1.5 Sec.
		Operating Temp.	0 to 50 °C (32 to 122 °F).
Measurement	WATT, VA, Whr, Power factor, ACV, ACA, Hz.	Operating Humidity	Less than 80 % R.H..
Zero Adjustment	Watt : External adjustment by push button. ACV, ACA : Automatic adjustment.	Power Supply	DC 12V, 1.5 V AA (UM-3) battery x 8 PCs.
		Power Consumption	Approx. DC 30 mA
Over input Indication	Indication of " - - - - or " - - - - .	Dimension	175 x 130 x 83 mm (6.9 x 5.1 x 3.3 inch).
		Weight	795 g (1.75 LB).
		Standard Accessories	Test lead (red & black)..... 1 pair. Instruction Manual..... 1 PC.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)

Watt (AC, true power), current mode from direct input		AC CURRENT (true rms) current mode from direct input	
Range	Resolution	Range	Resolution
6,000 Watt	1 Watt	0.01 A to 10.00 A	10 mA
Watt (AC, true power), current input cooperate with CT (current transformer)		AC CURRENT current mode from CT (current transformer)	
Range	Resolution	Range	Resolution
9,999 Watt	1 Watt	CT 100/5A, 0.1 - 200.0 A	0.1 A
99.99 KW	0.01 KW	CT 1000/5A, 1 - 2000 A	1 A
999.9 KW	0.1 kW		
VA (AC, Apparent Power) current mode from direct input		Watt Hour	
Range	Resolution	Range	Resolution
99.99 VA	0.01 VA	0.001 Whr to 9.999 Whr	0.001 Whr
999.9 VA	0.1 VA	10.00 Whr to 99.99 Whr	0.01 Whr
6,000 VA	1 VA	100.0 Whr to 999.9 Whr	0.1 Whr
		1000 Whr to 9999 Whr	1 Whr
		10 K Whr to 99.99 K Whr	10 Whr
		100 K Whr to 999.9 K Whr	100 Whr
		1000 K Whr to 9999 K Whr	1 K Whr
AC VOLTAGE (true rms)		Hz	
Range	Resolution	Range	Resolution
0.1 V to 299.9 V	0.1 V	10.0 Hz to 99.9 Hz.	0.1 Hz
300 V to 600 V	1 V	100 Hz to 999 Hz.	1 Hz
POWER FACTOR			
Range	Resolution		
0.01 to 1.00	0.01		

SOFTWARE & RS232 CABLE, optional

RS232 cable	Model : UPCB-02, RS232 cable for connecting between the meter & the computer (COM port).
USB cable	Model : USB-01, USB cable for connecting between the meter & the computer (USB port).
Software	Model : SW-U801-WIN, Multi channel windows version. * Software apply as the performance of data logging system & data recorder...

* Appearance and specifications listed in this brochure are subject to change without notice.

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