

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

POWER ANALYZER

Model : DW-6091

ISO-9001, CE, IEC1010



EZTECH
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The Art Of Measurements

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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.	Data Output	RS232 serial interface.
	* Multi-display unit, show Watt, Volt, Ampere, Power factor or Hz at same time.	Sampling Time	Approx. 1.5 Sec.
Measurement	WATT, VA, Whr, Power factor, ACV, ACA, Hz.	Operating Temp.	0 to 50 °C (32 to 122 °F).
		Operating Humidity	Less than 80 % R.H..
Zero Adjustment	<i>Watt</i> : External adjustment by push button.	Power Consumption	Approx. DC 30 mA
	<i>ACV, ACA</i> : Automatic adjustment.	Dimension	175 x 130 x 83 mm (6.9 x 5.1 x 3.3 inch).
Over input Indication	Indication of " - - - - or " - - - - .	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	Watt Hour	
VA (AC, Apparent Power) current mode from direct input		Range	Resolution
Range	Resolution	0.001 Whr to 9.999 Whr	0.001 Whr
99.99 VA	0.01 VA	10.00 Whr to 99.99 Whr	0.01 Whr
999.9 VA	0.1 VA	100.0 Whr to 999.9 Whr	0.1 Whr
6,000 VA	1 VA	1000 Whr to 9999 Whr	1 Whr
AC VOLTAGE (true rms)		10 K Whr to 99.99 K Whr	10 Whr
Range	Resolution	100 K Whr to 999.9 K Whr	100 Whr
0.1 V to 299.9 V	0.1 V	1000 K Whr to 9999 K Whr	1 K Whr
300 V to 600 V	1 V	Hz	
POWER FACTOR		Range	Resolution
Range	Resolution	10.0 Hz to 99.9 Hz.	0.1 Hz
0.01 to 1.00	0.01	100 Hz to 999 Hz.	1 Hz

SOFTWARE & RS232 CABLE, optional

RS232 cable	Model : UPCB-02, RS232 cable for connecting between the meter & the computer.
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.