

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

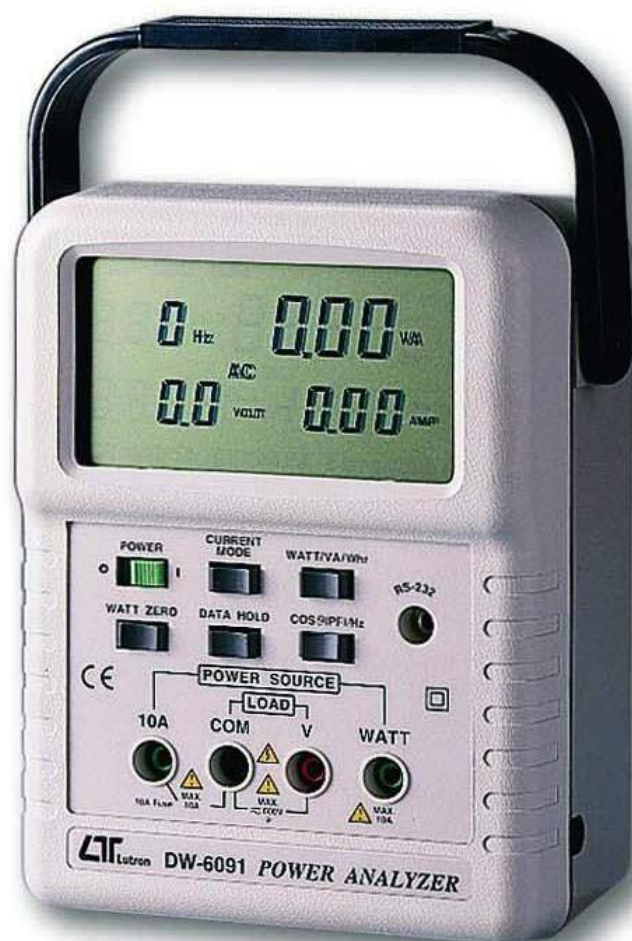
# POWER ANALYZER

**Model : DW-6091**

*ISO-9001, CE, IEC1010*

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*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. * RS-232 output interface.
* True AC power ( Watt ) & apparent power ( VA ) measurement.	* Exclusive custom exclusive design LSI circuit, provides high accuracy, reliability and durability.
* True rms display for ACV, ACA.	* Built-in over input indication.
* Supper large LCD, easy to read-out, display the Watt, Power factor, Voltage & Current value at the same time.	* Power supply by batteries. * Built-in low battery indicator .
* Auto range.	* 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..
		Power Supply	DC 12V, 1.5 V AA (UM-3) battery x 8 PCs.
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 )

<b>Watt ( AC, true power ), current mode from direct input</b>		<b>AC CURRENT ( true rms ) current mode from direct input</b>	
Range	Resolution	Range	Resolution
6,000 Watt	1 Watt	0.01 A to 10.00 A	10 mA
<b>Watt ( AC, true power ), current input cooperate with CT ( current transformer )</b>		<b>AC CURRENT current mode from CT ( current transformer )</b>	
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	<b>Watt Hour</b>	
<b>VA ( AC, Apparent Power ) current mode from direct input</b>		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
<b>AC VOLTAGE ( true rms )</b>		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	<b>Hz</b>	
<b>POWER FACTOR</b>		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 ( 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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