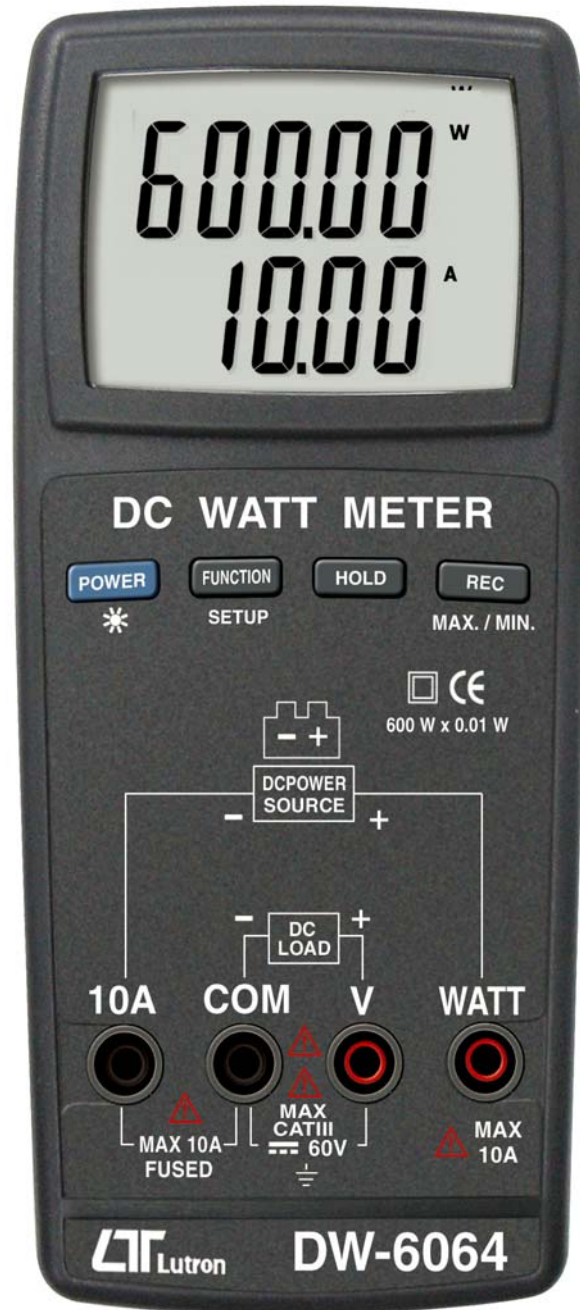


data logger with 50 mS sampling time

DC WATT METER

Model : DW-6064

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

data logger with 50 mS sampling time

DC WATT METER

Model : DW-6064

FEATURES

* Professional precision DC WATT meter with 0.001W resolution special digital display , battery operated .
* LSI - circuit provides high reliability and durability .
* Directly operation.
* DCV input impedance : 10MΩ .
* Measurement WATT (DC) : 600 W x 0.01 W/60.000 W x 0.001 W. DCV : 60V x 0.01 V . DCA : 10 A x 10 m A/2 A x 1 m A.
* Low Watt measurement , 60.000 W x 0.001W .
* Fast data logger with 50mS sampling time.
* Data hold , Record (Max. , Min.) .
* Super large LCD , Dual display at same time .
* Full function Auto range .
* RS232 / USB Computer interface .
* Built-in low battery indicator .
* Built-in backlight easy to readout .
* Power : DC 9V (006P) or AC to DC 9V adapter in .

Operation Humidity	Less than 80% RH
Power Supply	Alkaline or Heavy duty type DC 9V battery 006P , MN1604 (PP3) or equivalent.
Power Consumption	Approx. DC 8 mA
Weight	364 g / 0.80 LB
Dimension	190 x 88 x 40 mm (7.5 x 3.5 x 1.6 inch).
Accessories Included	Instruction manual.....1 PC Test lead (Red & Black).....1 Pair
Optional Accessories	AC to DC 9V adapter USB cable , USB - 01 RS232 cable , UPCB - 02 Data acquisition software, SW-U801-WIN Excel data acquisition software, SW-E802 Data transfer software, DL-2005 Excel data transfer software, SW-E2005

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	Large LCD display max. reading 60000. Digit size : 21.8 x 8.5 mm. Dual value display with backlight
Measurement Unit	DCV 0.02 V - 60.00 V DCA 1 mA to 10.00 A. WATT 0.002 W to 600 W
Over input	" ---- " mark indication .
Zero	Automatic adjustment
Sampling Time	Approx. 0.5 second.
Data Hold	Freeze the display reading .
Memory Recall	Maximum & Minimum value . * <i>Just for DC Watt and DC Ampere function only.</i>
Data output	RS232 / USB PC Computer interface. * Connect the optional RS232 cable UPCB - 02 will get the RS232 plug. * Connect the optional USB cable USB - 01 will get the USB plug.
Operation Temperature	0°C to 50°C (32°F to 122°F).

ELECTRICAL SPECIFICATIONS (23± 5 °C)

DC WATT		
Range	Resolution	Accuracy
600 W	0.01 W	± (0.6% + 10d)
60 W	0.001 W	
* Auto range. * Measuring signal come from the front LOAD plug terminals. * Max. input value, DC voltage : 60V, DC current : 10 A. * Accuracy @ 23°C ± 5°C.		

V/A		
Range	Resolution	Accuracy
DCV 60 V	0.01 V	± (0.3 % + 5d)
DCA 2 A	1 mA	
DCA 10 A	10 mA	
* Auto range. * Max. input value : DC voltage : 60V , DC current : 10 A . * Accuracy @ 23°C ± 5°C		

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