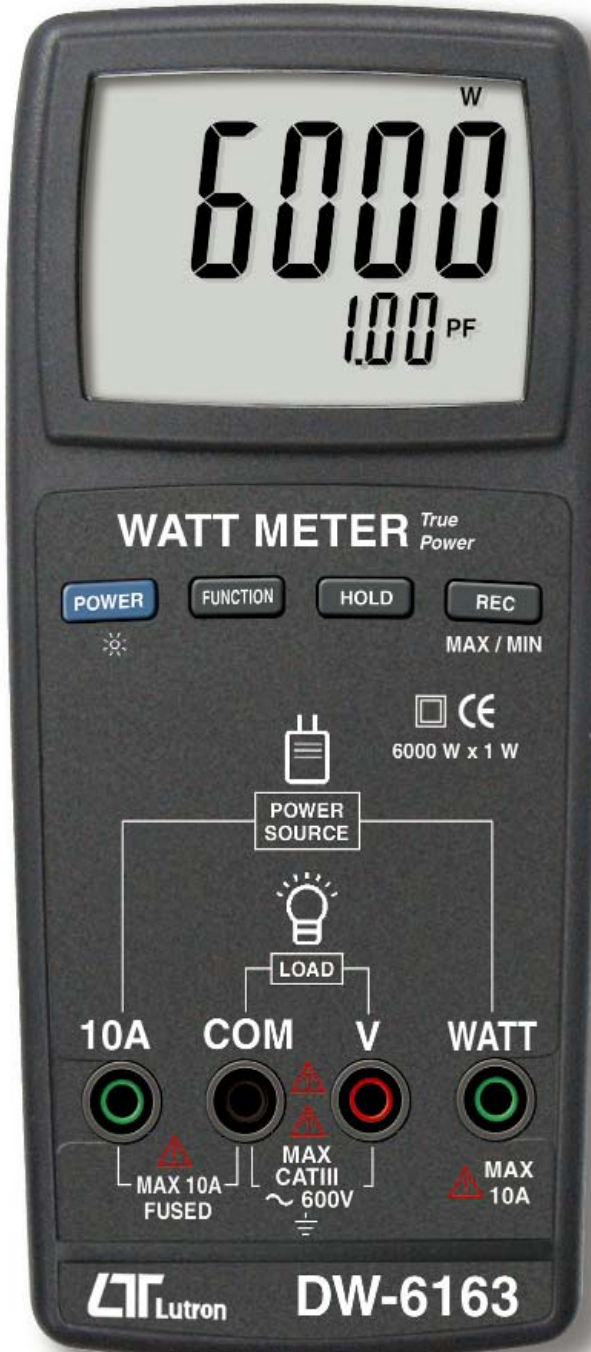


6000 W x 1 W, PF, ACV, ACA, Signal phase

WATT METER

Model : DW-6163

ISO-9001, CE, IEC1010



FEATURES :

- * True power measurement.
- * True rms measurement for ACV, AC.
- * Watt : 0 to 6000 W x 1 W
- * Power factor : 0.01 to 1.00 x 0.01 P
- * ACV : 0 to 600 V X 0.1 V.
- * ACA : 0 to 10.00 A x 0.01 A.
- * ACV input impedance : 10 Mega OH
- * Data Hold, Record (Max., Min.).
- * RS232/USB Computer interface.
- * Optional data Acquisition software, SW-U801-WIN, SW-E802.
- * Optional USB cable, USB-01.



Lutron

LUTRON ELECTRONIC

The Art of Measurement

6000 W x 1 W, PF, ACV, ACA

WATT METER

Model : DW-6163

FEATURES

* Professional precision WATT meter with 1 W resolution digital display , battery operated.
* LSI - circuit provides high reliability and durability.
* Directly operation.
* Measurement : WATT (AC) : 6000W x 1W. ACV : 600V x 0.1 V . ACA : 10 A x 10 m A . PF : 1.00 x 0.01
* True Power and Wide range 0 W to 6000 Watt.
* True RMS measurement of ACV / ACA.
* Super large LCD , Dual display at same time.
* Full function Auto range.
* Memory Record (Max. , Min.) , Data Hold.
* 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.

GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	Large LCD display max. reading 9999. Digit size : 21.8 x 8.5 mm. Dual value display with backlight
Measurement Unit	ACV 0 to 600.0 V ACA 0.01 to 10.00 A WATT 0 to 6000 W PF 0.01 to 1.00
Over input	" ---- " mark indication .
Zero	Automatic adjustment
Sampling Time	Approx. 1 second .
Data Hold	Freeze the display reading .
Memory Recall	Maximum & Minimum value .
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).
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 10 mA
Weight	398 g/0.88 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

ELECTRICAL SPECIFICATIONS (23±5 °C)

WATT (TRUE POWER)

Range	Resolution	Accuracy
6000 W	1 W	± (1% + 5 W)
* Auto range. * Measuring Signal come from the front LOAD plug terminals. * Accuracy is test under input signal is sine wave , 50 / 60 Hz. * ACV ACA frequency response is from 40 to 400 Hz. * Max. input value, AC voltage : 600V, AC current : 10 A. * Accuracy @ 23°C ± 5°C.		

V/A (TRUE RMS)

Range	Resolution	Accuracy
ACV 600 V	0.1 V	± (0.3 % + 0.3 V)
ACA 10 A	0.01 A	± (0.3 % + 0.03 A)
* Auto range. * ACV, ACA accuracy is test under input signal is sine wave, 50/ 60 Hz. * ACV ACA frequency response is from 40 to 400 Hz. * Max. input value, AC voltage : 600V, AC current : 10 A. * Accuracy @ 23°C ± 5°C		

PF (Power factor)

Range	Resolution	Accuracy
1.00	0.01	± (1 % + 2d)
* ACV, ACA accuracy is test under input signal is sine wave, 50/ 60 Hz * ACV ACA frequency response is from 40 to 400 Hz. * Max. input value, AC voltage : 600V, AC current : 10 A. * Accuracy @ 23°C ± 5°C		

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

1201-DW6163

Precision Watt meter Precision Power meter



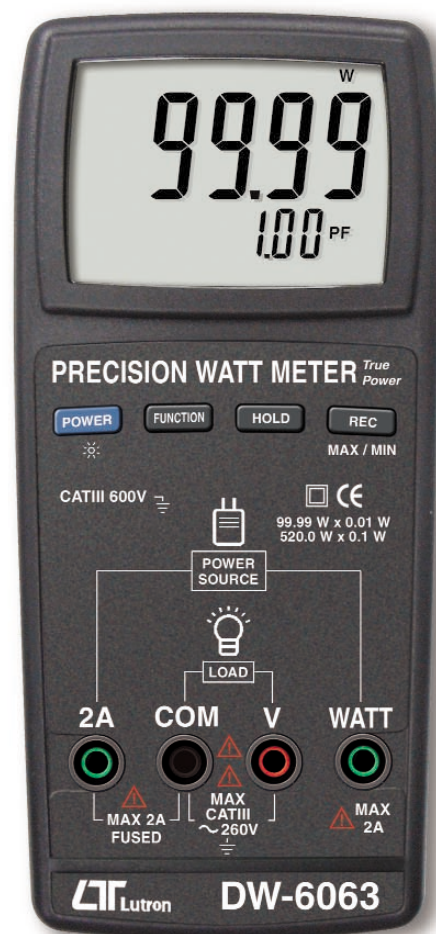
**6000 W x 1 W, PF, ACV, ACA, Single phase
Watt Meter**

Model : DW-6163

- * True power measurement.
- * True rms measurement for ACV, ACA.
- * Watt : 0 to 6000 W x 1 W
- * Power factor : 0.01 to 1.00 x 0.01 PF.
- * ACV : 0 to 600 V X 0.1 V.
- * ACA : 0 to 10.00 A x 0.01 A.
- * ACV input impedance : 10 Mega OHM.
- * Data Hold, Record (Max., Min.).
- * RS232/USB Computer interface.
- * Optional data Acquisition software, SW-U801-WIN, SW-E802.
- * Optional USB cable, USB-01.



Holster HS-03



**99.99 x 0.01 W, 520.0 x 0.1 W, PF, ACV, ACA, Single phase
Precision Watt Meter**

Model : DW-6063

- * 0.01 W resolution, precision Watt meter is special for low power measurement.
- * Designed for the high resolution low power measurement.
- * Watt, Power factor, ACV, ACA.
- * True power (watt) measurement.
- * True rms measurement for ACV, ACA.
- * Auto range for Watt measurement :
Range 1 : 0.00 to 99.99 W x 0.01 W.
Range 2 : 100.0 to 520.0 W x 0.1 W.
- * Power factor : 0.01 to 1.00 x 0.01 PF.
- * ACV : 90.0 to 260.0 V x 0.1 V.
- * ACA : 0 to 2.000 A x 0.001 A.
- * ACV input impedance : 10 Mega OHM.
- * Data Hold, Record (Max., Min.).
- * RS232/USB Computer interface.
- * Optional data Acquisition software, SW-U801-WIN, SW-E802.
- * Optional USB cable, USB-01.