

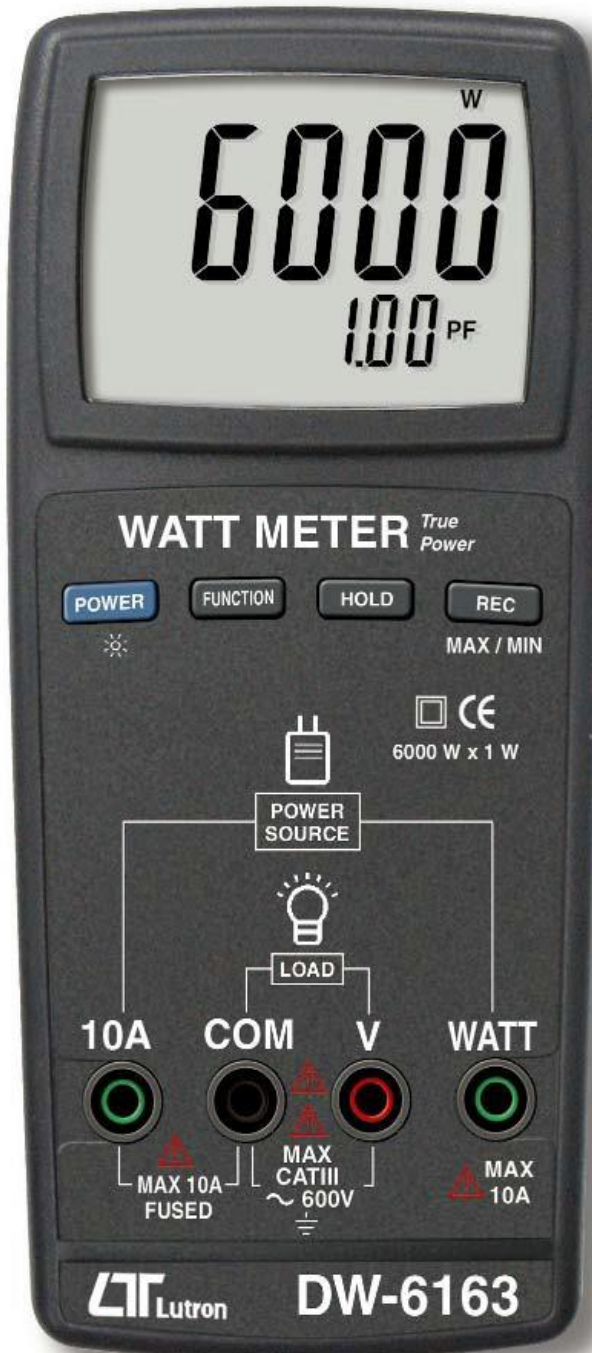
6000 W x 1 W, PF, ACV, ACA, Signal phase

WATT METER

Model : DW-6163

ISO-9001, CE, IEC1010

www.yalab.com.tw 02-2389-0101



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.
- * Optional SD acard data logger, DL-9602SD.



Lutron

The Art of Measurement

www.YaLAB.com.tw

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 | AC TO DC 9V adapter Holster. HS-03 SD card DATA LOGGER, DL-9602SD |
| Accessories | USB cable , USB - 01 Data Acquisition software, SW-U801-WIN Excel Data Acquisition software, SW-E802 SD card data logger, DL-9602SD |

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.

1403-DW6163