

NO battery, Hybrid power, Innovation, Patent

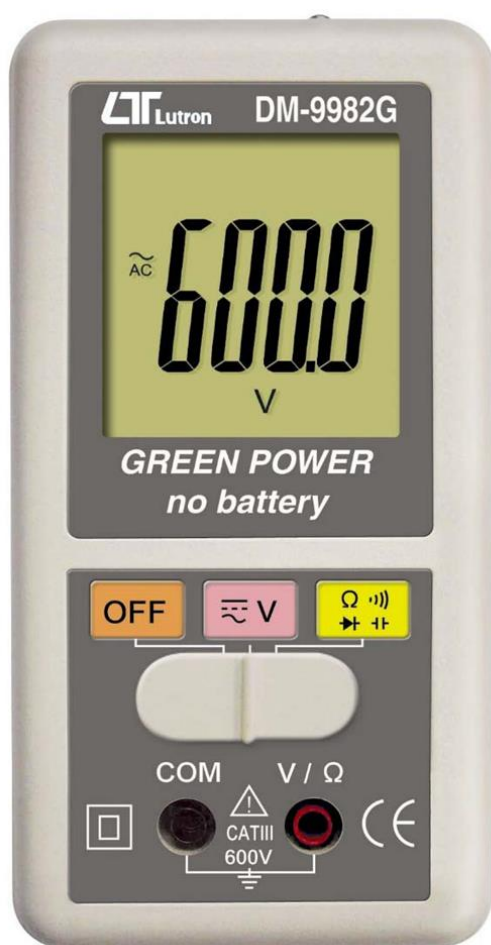
# GREEN POWER SMART MULTIMETER

Model : DM-9982G

ISO-9001, CE, IEC1010

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02-2389-0101



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*The Art of Measurement*

Green power, hybrid power

# SMART MULTIMETER

Model : DM-9982G

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## FEATURE

* Green power, battery is no need, power supply from the handy generator, operate the generator 10 to 20 seconds will offer 10 minutes energy typically.
* Hybrid power, meter also can supply by the battery.
* Meet CAT III-600 V.
* 6000 counts A/D, high resolution.
* ACV, DCV, ohms, continuity, Capacitance, Diode.
* Smart function and auto range.
* Smart operation, Build in 2 intelligent function : " V ", " Ω ".
* " V " function can select ACV, DCV automatically with auto range.
* " Ω " function can select the Resistance , Diode, Continuity beeper, Capacitance automatically with auto range.
* Manual power off or auto power off.
* Auto shut off is available to save battery life.
* 10 M ohm impedance for voltage circuit.
* Built-in overload protection for all range.
* LSI circuit provides high reliability and durability.
* Patent.
* Uses durable, long-lasting components, enclosed in strong, light weight ABS-plastic housing.
* DIY version , easy operation.

## GENERAL SPECIFICATION

Green power and Hybrid power	* Green power, battery is no need, power supply from the handy generator, operate 10 to 20 seconds the generator will offer 10 minutes energy typically. Hybrid power, meter also can supply by the battery power
Display	46 mm x 45 mm large LCD display.
Measurement	ACV, DCV, ohms, continuity beeper, Hz, Capacitance, Diode.
A/D counts no.	6000 counts.
Range selection	Smart function, auto range.
Smart function	" V " function can select ACV, DCV automatically with auto range. " Ω " function can select the Resistance, Diode, Continuity beeper, Capacitance automatically with auto range.
Power On/Off management	Manual power off. Auto power off : If meter is not operated within 3 minutes will auto power switch off.
Polarity	Automatic Switching, " - " indicates negative polarity.
Zero adjustment	Automatic.
Sampling time	Approx. 0.5 to 1 second.
Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating humidity	Less than 80% RH.
Supply	Power from the handy generator, battery is no need. Battery power : DC3V battery ( CR-2032 ) x 2 PCs.
Power consumption	DC 3 mA.
Weight	320 g/0.70 LB.

Dimension	152 x 78 x 45 mm ( 6.0 x 3.1 x 1.8 inch )
Accessories Included	Red and Black Test Leads..... 1 Set Instruction Manual..... 1 PC

### ELECTRICAL SPECIFICATIONS (23± 5 °C)

#### DC/AC Voltage \* auto range

Range	6 V /60 V/600 V
Resolution	0.001 V /0.01 V/0.1 V
Accuracy	DCV : ± ( 1 % + 2d )
	ACV : ± ( 1.2 % + 5d )
Input impedance	10 M ohm.
Over load protection	AC/DC 600 V.
Remark	* The input impedance is 10 Mega ohm. * ACV specification be tested on sine wave 50/60 Hz. * The ACV start measurement voltage is larger than 400 mV ± 100 mV.

#### OHMS \* auto range

Range	600/6 K/60 K/600 K/6 M ohm
Resolution	0.1/1/10/100/1 K ohm
Accuracy	± ( 1% + 3d )
Over load protection	± 350 DCV, 350 ACV

#### Capacitance \* autorange

Range	6 nF/60 nF/600 nF/6 uF/60 uF
Resolution	0.001 nF/0.01 nF/0.1 nF/0.001 uF/0.01 uF
Accuracy	± ( 3% + 5d )
Remark	Discharge capacitor before testing.

#### Diode

Short/non conductance, good/defect test
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#### Continuity

If measuring resistance is less than 10 ohm, the beeper will sound .
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#### PATENT

CHINA : ZL200620012764.3

GERMANY : Nr.202006007329.9

TAIWAN: M299401

JAPAN : 3130269

U.S.A. : PENDING

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

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